



# **PARTool Acceptance Test Plan**

**Version 1.1**

Doc. No.:

Project Name: Profile and reconciliation tool	Version: 1.1
Acceptance Test Plan	Date: 2012-01-08

## Revision History

<b>Date</b>	<b>Version</b>	<b>Description</b>	<b>Author</b>
2011-11-30	0.01	Initial Draft	Inderjeet Singh & Robert Borošak
2011-12-11	0.02	Document review, spelling and grammar fixing	Igor Rutkowski & Davor Perić
2011-12-12	0.03	Additional fixes	Davor Perić
2011-12-15	0.04	Referenced to other documents added in different parts of text. Requirements put before server and client side modified. Reference to installation manual added.	Igor Rutkowski
2011-12-15	0.05	Added summary test case section and linked test cases with requirements ID	Inderjeet Singh & Robert Borošak
2012-01-01	1.0	Addes test cases for change properties and final revision	Inderjeet Singh
2012-01-08	1.1	Minor changes	Davor Perić

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This section contains the summary of all the test cases defined above. The testing of client side of PARTool project has been covered by total 32 test cases, these test cases covered almost all the essential functionalities of PARTool project. Therefore, out of 32 test cases all should pass it based on the testing technique mentioned in specific test case, otherwise it may have some problem in the

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PARTool project. Until now in PARTool acceptance test document could be considered as passed because it matches defined requirements.	43
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## 1. Introduction

### 1.1 Purpose of this document

The purpose of this document is to provide information required to execute PARTool acceptance tests and value the results of those tests.

### 1.2 Intended Audience

This document is intended for:

- PARTool Team members
- Supervisor (Marin Orlić)
- Customer (Kapsch TIS d.o.o)

### 1.3 Scope

This document contains all the test related information about the PARTool software including techniques used for testing and test cases.

### 1.4 Definitions and acronyms

#### 1.4.1 Definitions

Keyword	Definitions

#### 1.4.2 Acronyms and abbreviations

Acronym or abbreviation	Definitions
PARTool	Profile analysis and reconciliation tool
ISDN	Integrated service digital network
IMSI	International mobile subscriber identity
FF	Firefox
IE	Internet explorer
CDR	Call detail records
CPU	Control processing unit
RAM	Random access memory
VM	Virtual memory

### 1.5 References

PARTool software architecture has been described in details in:

- [1] PARTool Design Description
- [2] PARTool Requirement Definitions

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## 2. Test-plan introduction

The aim of this phase will be to test all features of the PARTool project before handling it to customer. It will be performed in order to verify that all requirements defined for this project (listed in [2]) are meet. The testing of projects submodules (architecture of application and division into fore mentioned submodules is described in [1]) has been mostly done by developers at previous phases. This new phase will cover different types of testing (manual, integrated etc) and use techniques like positive, negative etc. Regression testing will be performed if any new method or class is added.

## 3. Test items

This document describes tests written for client side of the PARTool project, while tests written for server side will be described in Test report document.

## 4. Features to be tested

The features that need to be tested are different on both the sides i.e. client and server side  
List of features to be tested on client side is given below:

- Basic functionality
  - Search by name
  - Search by IMSI
  - Search by MSISDN
  - Start and End date selection
  - Selection of measure type
  - Selection of cdr type and usage type
  - Selection of color
  - Aggregation selection
  - Dynamic row creation for CDR parameter on page load
  - Creation of new tab on search button click
  - Name of created tab should be based on IMSI or MSISDN
  - Closing of tabs
  - Subscriber information button working
  - Change properties working
- Visualization Functionality
  - Visualization graph appearing on search button click in new tab
  - X-axis and Y-axis values should be correct
  - Alignment of graph on screen
  - Rendering of data in visualization (which usage type is selected first)
  - Bar graph by days and sum is visible
  - Sum by days and hours should be correct
  - Legend of graph showing correct information on right position
  - Tooltips showing correct information on mouse moving
- Security features
  - Login (Session on)
  - Logout (Session off)

## 5. Features not to be tested

Performance and load tests will not be performed.

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## 6. Approach

Different approaches should be applied at different levels. The client side, which was developed with the earliest integration possible in mind, has been tested in systematic manner. In all the cases manual testing was used.

### 6.1 Approach to configuration and installation

The project leader and quality assurance manager will provide the environment, steps and a full manual to the tester for installing the tool. The database server can be run on the same (virtual) machine as web server, but it is not mandatory.

## 7. Item pass/fail criteria

The pass/fail criteria are not fixed for test items, but they mostly depend on some points which are as follows:

- The result matches a specified output for particular test case: Pass
- The result does not match a specified output for particular test case: Fail

### 7.1 Installation and Configuration

The developed web application does not depend much on installation and configuration on the client side. The most important thing is the browser version used for testing. Supported browser versions are: FF8, IE9, Google Chrome 15 and Safari 5 or newer.

The server side of the application must be installed and configured according to the installation manual (to be provided later).

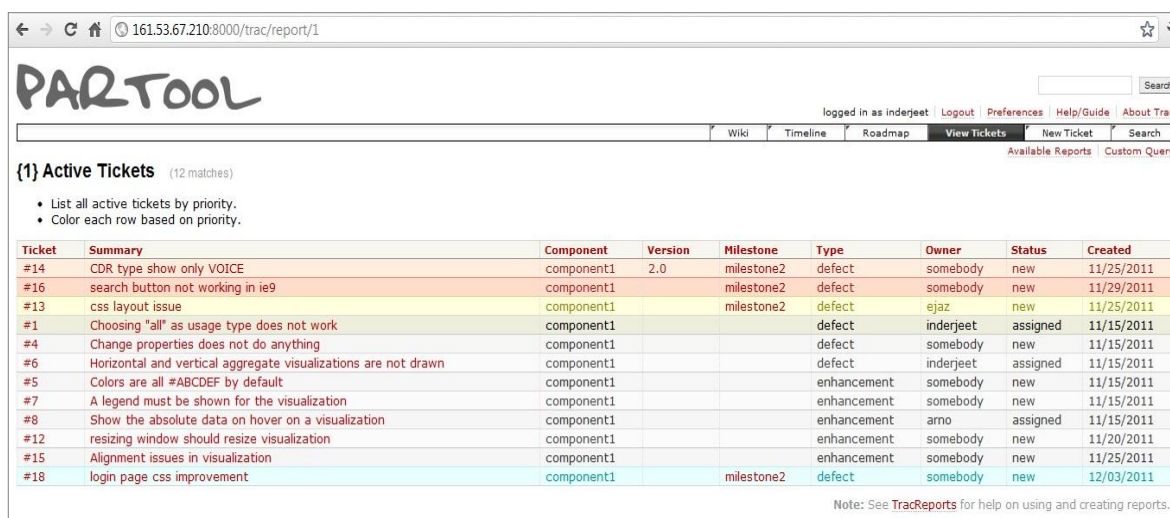
### 7.2 Documentation problems

No document was strictly followed for testing purposes, but the requirements definition [2] was taken into consideration.

## 8. Suspension criteria and resumption requirements

The main testing process will be in continuation with the unit testing done by developers. Any bug that is found during the testing process should be submitted to the bug tracker for the PARTool application. The responsible developer will fix the given bug. Once the assigned bug is fixed and tested by developer, testing will be resumed to check whether any regression has occurred. The following address is used for the bug tracker:

<http://161.53.67.210:8000/trac/>



Ticket	Summary	Component	Version	Milestone	Type	Owner	Status	Created
#14	CDR type show only VOICE	component1	2.0	milestone2	defect	somebody	new	11/25/2011
#16	search button not working in ie9	component1		milestone2	defect	somebody	new	11/29/2011
#13	css layout issue	component1		milestone2	defect	ejaz	new	11/25/2011
#1	Choosing "all" as usage type does not work	component1			defect	inderjeet	assigned	11/15/2011
#4	Change properties does not do anything	component1			defect	somebody	new	11/15/2011
#6	Horizontal and vertical aggregate visualizations are not drawn	component1			defect	inderjeet	assigned	11/15/2011
#5	Colors are all #ABCDEF by default	component1			enhancement	somebody	new	11/15/2011
#7	A legend must be shown for the visualization	component1			enhancement	somebody	new	11/15/2011
#8	Show the absolute data on hover on a visualization	component1			enhancement	arno	assigned	11/15/2011
#12	resizing window should resize visualization	component1			enhancement	somebody	new	11/20/2011
#15	Alignment issues in visualization	component1			enhancement	somebody	new	11/25/2011
#18	login page css improvement	component1		milestone2	defect	somebody	new	12/03/2011

Figure 1: Bug Tracker

Figure 1 shows currently active tickets i.e. bugs in PARTool project, also the type, status and responsible developer is shown for each bug.



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## 9. Environmental needs

There are some requirements that need to be done before testing:

### 9.1 Hardware

- Laptop or desktop (minimum)
  - CPU Sufficient to run Windows XP SP3 or newer
  - 1 GB of RAM
  - 200 MB of free hard drive space
  - Display supporting a resolution of 1024 x 768 or higher
  - Keyboard and mouse
  - Network access to VM
- Virtual machine
  - 1 GHz CPU
  - 512MB of RAM
  - 40 GB of free hard drive space
  - Network access

### 9.2 Software

- Server
  - Linux operating system
  - Java servlet container
  - PostgreSQL relational database management system
- Client
  - Any supported browser

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## Test procedure

This section will contain all the test cases possible in PARTool project. The URL that we will use for testing all the features is

<http://161.53.67.210:9000/>

### 9.3 Test case specifications

#### 9.3.1 Test Case Template

Test case ID: <i>TC_01</i>	Date: <i>2011-12-01</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>1</i>	Automated <i>No</i>
Requirement identity: <i>NFR-1,NFR-5,NFR-3, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: A valid user exists; User has an internet connection; User will input username and password correctly		
Starting point: Starting the PARTool				
Test case: Login with valid username/password combination				
Pre-condition: The username/password combination exists in the Database				
Step 1: Start PARTool				
Step 2: Enter username and password				
Step 3: Click Login button				
Input Data (valid): admin/admin				
Input Data (invalid): admin/notAdmin; admin/1234; admin/ ;				
Output/visible result for passed: (post-condition): PARTool main page opens				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.1.1 Test Record

TR for Test case ID: <i>TC_01</i>	Date: <i>2011-12-01</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>1</i>	Automated <i>No</i>
Result: <i>passed</i>			
Side-effect:			
Time for execution: <i>1 minute</i>	Failure ID nr:	Failure report date: <i>2011-12-01</i>	Reported to:
		<i>Reported by: Robert Borošak</i>	
Failure description:			
Other:			
Comments:			

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### 9.3.2 Test Case Template

Test case ID: <i>TC_02</i>	Date: <i>2011-12-01</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>2</i>	Automated <i>No</i>
Requirement identity: <i>NFR-1,NFR-5,NFR-3, NFR-6</i>	TDT used: <i>Negative</i>	Assumptions: <i>User has an internet connection; User will input invalid username/password combination</i>		
Starting point: <i>Starting the PARTool</i>				
Test case: <i>Login with invalid username/password combination</i>				
Pre-condition:				
Step 1: <i>Start PARTool</i>				
Step 2: <i>Enter username and password</i>				
Step 3: <i>Click Login button</i>				
Input Data (valid): <i>admin/notAdmin; admin/1234; admin/ ;</i>				
Input Data (invalid): <i>admin/admin</i>				
Output/visible result for passed: (post-condition): <i>“Oops, unknown username or password.” appears on the login page.</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.2.1 Test Record

TR for Test case ID: <i>TC_02</i>	Date: <i>2011-12-01</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>2</i>	Automated <i>No</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-01</i>	Reported to:
		<i>Reported by: Robert Borošak</i>	
Failure description:			
Other:			
Comments:			

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### 9.3.3 Test Case Template

Test case ID: <i>TC_03</i>	Date: <i>2011-12-01</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>3</i>	Automated <i>No</i>
Requirement identity: <i>NFR-1,NFR-5,NFR-3, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>User has successfully logged in; User has an internet connection</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Logout (session closed)</i>				
Pre-condition: <i>User is logged in</i>				
Step 1: <i>Start PARTool</i>				
Step 2: <i>Log in</i>				
Step 3: <i>Wait until PARTool main page appears</i>				
Step 4: <i>Click logout</i>				
Step 5: <i>Enter PARTool main page adress in web browser</i>				
Input Data (valid): <i>admin/admin</i>				
Input Data (invalid): <i>admin/notAdmin; admin/1234; admin/ ;</i>				
Output/visible result for passed: (post-condition): <i>Redirected to PARTool login page</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.3.1 Test Record

TR for Test case ID: <i>TC_03</i>	Date: <i>2011-12-01</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>3</i>	Automated <i>No</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-01</i>	Reported to:
		<i>Reported by: Robert Borošak</i>	
Failure description:			
Other:			
Comments:			

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#### 9.3.4 Test Case Template

Test case ID: <i>TC_04</i>	Date: <i>2011-12-02</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>4</i>	Automated <i>no</i>
Requirement identity: <i>UI-3, NFR-5, NFR-3, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>User has an internet connection; User is logged in</i>		
Starting point: <i>Starting the PARTool</i>				
Test case: <i>Two panes appear after log in</i>				
Pre-condition: <i>Successful login</i>				
Step 1: <i>Start PARTool</i>				
Step 2: <i>Log in</i>				
Step 3: <i>Wait until the PARTool main page appears</i>				
Input Data (valid): <i>admin/admin</i>				
Input Data (invalid): <i>admin/notAdmin; admin/1234; admin/ ;</i>				
Output/visible result for passed: (post-condition): <i>PARTool main page with two panes</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.4.1 Test Record

TR for Test case ID: <i>TC_04</i>	Date: <i>2011-12-02</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>4</i>	Automated <i>no</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-02</i>	Reported to:
		<i>Reported by: Robert Borošak</i>	
Failure description:			
Other:			
Comments:			

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### 9.3.5 Test Case Template

Test case ID: <i>TC_05</i>	Date: <i>2011-12-02</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>5</i>	Automated <i>no</i>
Requirement identity: <i>UI-3, NFR-3, NFR-5, NFR-4, NFR-6</i>	TDT used: <i>Negative</i>	Assumptions: <i>User has an internet connection; User is logged in; All other input fields are populated</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Check IMSI button with non 15 digit number</i>				
Pre-condition: <i>All input fields are populated</i>				
Step 1: <i>Enter IMSI</i>				
Step 2: <i>Press Search button</i>				
Input Data (valid): <i>42001200028381, 42001200028381a, 420012000, aababasdba</i>				
Input Data (invalid): <i>420012000283814</i>				
Output/visible result for passed: (post-condition): <i>Pop up with "IMSI is invalid" message appears.</i>				
Side-effect (clean-up)				
Comment:				

#### 9.3.5.1 Test Record

TR for Test case ID: <i>TC_05</i>	Date: <i>2011-12-02</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>5</i>	Automated <i>No</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-02</i>	Reported to:
		Reported by: <i>Robert Borošak</i>	
Failure description:			
Other:			
Comments:			

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### 9.3.6 Test Case Template

Test case ID: <i>TC_06</i>	Date: <i>2011-12-02</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>6</i>	Automated <i>No</i>
Requirement identity: <i>UI-3, NFR-3,NFR-5 ,NFR-4, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>User has an internet connection; User is logged in; All input fields are populated</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Check IMSI button with 15 digit number</i>				
Pre-condition: <i>All input fields are populated</i>				
Step 1: <i>Enter IMSI</i>				
Step 2: <i>Press Search button</i>				
Input Data (valid): <i>420012000283814</i>				
Input Data (invalid): <i>42001200028381, 42001200028381a, 420012000, aababasdba</i>				
Output/visible result for passed: (post-condition): <i>subscriber new tab</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.6.1 Test Record

TR for Test case ID: <i>TC_06</i>	Date: <i>2011-12-02</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>6</i>	Automated <i>No</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-02</i>	Reported to:
		<i>Reported by: Robert Borošak</i>	
Failure description:			
Other:			
Comments:			

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### 9.3.7 Test Case Template

Test case ID: <i>TC_07</i>	Date: <i>2011-12-02</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>7</i>	Automated <i>No</i>
Requirement identity: <i>UI-3, NFR-3, NFR-5, NFR-4, NFR-6</i>	TDT used: <i>Negative</i>	Assumptions: <i>User has an internet connection; User is logged in</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Empty start date</i>				
Pre-condition: <i>All other fields are populated</i>				
Step 1: <i>Leave start date empty</i>				
Step 2: <i>Press search button</i>				
Input Data (valid): <i>2010-09-15</i>				
Input Data (invalid): <i>“ ”</i>				
Output/visible result for passed: (post-condition): <i>Pop up with “Enter start date” message appears.</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.7.1 Test Record

TR for Test case ID: <i>TC_08</i>	Date: <i>2011-12-02</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>7</i>	Automated <i>No</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-02</i>	Reported to:
		<i>Reported by: Robert Borošak</i>	
Failure description:			
Other:			
Comments:			



Project Name: Profile and reconciliation tool	Version: 0.05
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### 9.3.8 Test Case Template

Test case ID: <i>TC_08</i>	Date: <i>2011-12-02</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>8</i>	Automated <i>No</i>
Requirement identity: <i>UI-3, NFR-3,NFR-5 ,NFR-4, NFR-6</i>	TDT used: <i>Negative</i>	Assumptions: <i>User has an internet connection; User is logged in</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Start date is bigger than end date</i>				
Pre-condition: <i>All other fields are populated</i>				
Step 1: <i>Enter start date bigger then end date</i>				
Step 2: <i>Click Search button</i>				
Input Data (valid): <i>2010-10-15, 2011-09-15</i>				
Input Data (invalid): <i>2010-09-15</i>				
Output/visible result for passed: (post-condition): <i>Pop up with "Enter start date" message appears.</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.8.1 Test Record

TR for Test case ID: <i>TC_08</i>	Date: <i>2011-12-02</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>7</i>	Automated <i>No</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-02</i>	Reported to:
		<i>Reported by: Robert Borošak</i>	
Failure description:			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
Acceptance Test Plan	Date: 2011-12-16

### 9.3.9 Test Case Template

Test case ID: <i>TC_9</i>	Date: <i>2011-12-02</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>9</i>	Automated <i>no</i>
Requirement identity: <i>UI-3, NFR-3, NFR-5, NFR-4, NFR-6</i>	TDT used: <i>Negative</i>	Assumptions: <i>User has an internet connection; User is logged in</i>		
Starting point: Starting the PARTool				
Test case: Invalid date format in start date				
Pre-condition: All other fields are populated				
Step 1: Enter invalid date format in start date				
Step 2: Click Search button				
Input Data (valid): <i>2010-0915; 20100915; 20-11-2010</i>				
Input Data (invalid): <i>2010-09-15</i>				
Output/visible result for passed: (post-condition): <i>Pop up with "Invalid request, start date must be before end date" message appears.</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.9.1 Test Record

TR for Test case ID: <i>TC_09</i>	Date: <i>2011-12-02</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>8</i>	Automated <i>No</i>
Result: <i>passed</i>			
Side-effect:			
Time for execution: <i>1 minute</i>	Failure ID nr:	Failure report date: <i>2011-12-02</i>	Reported to:
		<i>Reported by: Robert Borošak</i>	
Failure description:			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
Acceptance Test Plan	Date: 2011-12-16

### 9.3.10 Test Case Template

Test case ID: <i>TC_10</i>	Date: <i>2011-12-02</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>10</i>	Automated <i>No</i>
Requirement identity: <i>UI-3, NFR-3, NFR-5, NFR-4, NFR-6</i>	TDT used: <i>Negative</i>	Assumptions: <i>User has an internet connection; User is logged in</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Empty end date</i>				
Pre-condition: <i>All other fields are populated</i>				
Step 1: <i>Leave end date empty</i>				
Step 2: <i>Click Search button</i>				
Input Data (valid): <i>“ “;</i>				
Input Data (invalid): <i>2010-09-22</i>				
Output/visible result for passed: (post-condition): <i>“Oops, unknown username or password” appears on the login page.</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.10.1 Test Record

TR for Test case ID: <i>TC_10</i>	Date: <i>2011-12-02</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>10</i>	Automated <i>No</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-02</i>	Reported to:
		Reported by: <i>Robert Borošak</i>	
Failure description:			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
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### 9.3.11 Test Case Template

Test case ID: <i>TC_11</i>	Date: <i>2011-12-02</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>11</i>	Automated <i>No</i>
Requirement identity: <i>UI-3, NFR-3,NFR-5 ,NFR-4, NFR-6</i>	TDT used: <i>Negative</i>	Assumptions: <i>User has an internet connection; User is logged in</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>End date earlier then start date</i>				
Pre-condition: <i>All other fields are populated</i>				
Step 1: <i>Enter end date that is earlier then start date</i>				
Step 2: <i>Click Search button</i>				
Input Data (valid): <i>start date: 2010-09-21, end date: 2010-08-21</i>				
Input Data (invalid): <i>start date: 2010-09-21 , end date:2010-09-22</i>				
Output/visible result for passed: (post-condition): <i>Pop up with "Invalid request, start date must be before end date" message appears.</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.11.1 Test Record

TR for Test case ID: <i>TC_11</i>	Date: <i>2011-12-02</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>11</i>	Automated <i>no</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-02</i>	Reported to:
		<i>Reported by: Robert Borošak</i>	
Failure description:			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
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### 9.3.12 Test Case Template

Test case ID: <i>TC_12</i>	Date: <i>2011-12-01</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>12</i>	Automated <i>no</i>
Requirement identity: <i>UI-3, NFR-3,NFR-5 ,NFR-4,NFR-6</i>	TDT used: <i>Negative</i>	Assumptions: <i>User has an internet connection; User is logged in</i>		
Starting point: PARTool main page				
Test case: Invalid end date format				
Pre-condition: All other fields are populated				
Step 1: Enter invalid end date				
Step 3: Click Search button				
Input Data (valid): <i>2010-0822; 20101111;</i>				
Input Data (invalid): <i>2010-08-22</i>				
Output/visible result for passed: (post-condition): <i>Pop up with “Wrong end date format, should be YYYY-MM-DD” message appears</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.12.1 Test Record

TR for Test case ID: <i>TC_12</i>	Date: <i>2011-12-02</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>12</i>	Automated <i>no</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-02</i>	Reported to:
		<i>Reported by: Robert Borošak</i>	
Failure description:			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
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### 9.3.13 Test Case Template

Test case ID: <i>TC_13</i>	Date: <i>2011-12-02</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>13</i>	Automated <i>no</i>
Requirement identity: <i>UI-3, NFR-3, NFR-5, NFR-4, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>User has an internet connection; User is logged in</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Add CDR Type row</i>				
Pre-condition:				
Step 1: <i>Click + button</i>				
Input Data (valid):				
Input Data (invalid):				
Output/visible result for passed: (post-condition): <i>New CDR Type row appears</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.13.1 Test Record

TR for Test case ID: <i>TC_13</i>	Date: <i>2011-12-02</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>13</i>	Automated <i>no</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-02</i>	Reported to:
		<i>Reported by: Robert Borošak</i>	
Failure description:			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
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### 9.3.14 Test Case Template

Test case ID: <i>TC_14</i>	Date: <i>2011-12-02</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>14</i>	Automated <i>no</i>
Requirement identity: <i>UI-3, NFR-3, NFR-5, NFR-4, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>User has an internet connection; User is logged in</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Remove CDR type row</i>				
Pre-condition: <i>There is more than one CDR type row</i>				
Step 1: <i>Click – button</i>				
Input Data (valid):				
Input Data (invalid):				
Output/visible result for passed: (post-condition): <i>CDR type row is removed</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.14.1 Test Record

TR for Test case ID: <i>TC_14</i>	Date: <i>2011-12-02</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>14</i>	Automated <i>no</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-02</i>	Reported to:
		<i>Reported by: Robert Borošak</i>	
Failure description:			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
Acceptance Test Plan	Date: 2011-12-16

### 9.3.15 Test Case Template

Test case ID: <i>TC_15</i>	Date: <i>2011-12-02</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>15</i>	Automated <i>no</i>
Requirement identity: <i>UI-3, NFR-3,NFR-5 ,NFR-4, NFR-6</i>	TDT used: <i>Negative</i>	Assumptions: <i>User has an internet connection; User is logged in</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Creation of tabs on search button with wrong IMSI</i>				
Pre-condition: <i>All fields are populated</i>				
Step 1: <i>Click Search button</i>				
Input Data (valid): <i>IMSI: 42001200028381523, 420012000283122</i>				
Input Data (invalid): <i>IMSI: 420012000283814</i>				
Output/visible result for passed: (post-condition): <i>Pop up with "Subscriber not found" message appears</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.15.1 Test Record

TR for Test case ID: <i>TC_15</i>	Date: <i>2011-12-02</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>15</i>	Automated <i>no</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-02</i>	Reported to:
		<i>Reported by: Robert Borošak</i>	
Failure description: <i>subscriber tab created</i>			
Other:			
Comments:			



Project Name: Profile and reconciliation tool	Version: 0.05
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### 9.3.16 Test Case Template

Test case ID: <i>TC_16</i>	Date: <i>2011-12-02</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>16</i>	Automated <i>no</i>
Requirement identity: <i>UI-3, NFR-3, NFR-5, NFR-4, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>User has an internet connection; User is logged in</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Creation of tabs on search button</i>				
Pre-condition: <i>All fields are populated</i>				
Step 1: <i>Click Search button</i>				
Input Data (valid): <i>IMSI: 420012000283814</i>				
Input Data (invalid): <i>IMSI: 420012000283815</i>				
Output/visible result for passed: (post-condition): <i>subscriber new tab</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.16.1 Test Record

TR for Test case ID: <i>TC_16</i>	Date: <i>2011-12-02</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>16</i>	Automated <i>No</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-02</i>	Reported to:
		<i>Reported by: Robert Borošak</i>	
Failure description:			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
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### 9.3.17 Test Case Template

Test case ID: <i>TC_17</i>	Date: <i>2011-12-02</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>17</i>	Automated <i>No</i>
Requirement identity: <i>UI-3, NFR-3, NFR-5, NFR-4, NFR-3, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>User has an internet connection; User is logged in</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Tab name is based on IMSI number</i>				
Pre-condition: <i>All fields are populated and subscriber with entered IMSI exists</i>				
Step 1: <i>Click Search button</i>				
Input Data (valid): <i>IMSI: 420012000283814</i>				
Input Data (invalid): <i>IMSI: 420012000283815</i>				
Output/visible result for passed: (post-condition): <i>subscriber new tab with name same as IMSI</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.17.1 Test Record

TR for Test case ID: <i>TC_17</i>	Date: <i>2011-12-02</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>17</i>	Automated <i>No</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-02</i>	Reported to:
		<i>Reported by: Robert Borošak</i>	
Failure description:			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
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### 9.3.18 Test Case Template

Test case ID: <i>TC_18</i>	Date: <i>2011-12-02</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>18</i>	Automated <i>No</i>
Requirement identity: <i>UI-3, NFR-3,NFR-5 ,NFR-4, NFR-3,NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>User has an internet connection; User is logged in</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Tab name is based on MSISDN number</i>				
Pre-condition: <i>All fields are populated, tab with entered MSISDN is created, subscriber with entered MSISDN exists</i>				
Step 1: <i>Click Search button</i>				
Input Data (valid): <i>IMSI: 420012000283814</i>				
Input Data (invalid): <i>IMSI: 420012000283815</i>				
Output/visible result for passed: (post-condition): <i>subscriber new tab</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.18.1 Test Record

TR for Test case ID: <i>TC_18</i>	Date: <i>2011-12-02</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>18</i>	Automated <i>no</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-02</i>	Reported to:
		<i>Reported by: Robert Borošak</i>	
Failure description:			
Other:			
Comments: <i>Tab name is MSISDN(1) - 420012000283814(1)</i>			

Project Name: Profile and reconciliation tool	Version: 0.05
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### 9.3.19 Test Case Template

Test case ID: <i>TC_19</i>	Date: <i>2011-12-02</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>19</i>	Automated <i>no</i>
Requirement identity: <i>UI-3, NFR-3, NFR-5, NFR-4, NFR-3, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>User has an internet connection; User is logged in</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Maximum of 3 tabs per pane</i>				
Pre-condition: <i>All fields are populated, 3 tabs are created</i>				
Step 1: <i>Click Search button</i>				
Input Data (valid): <i>IMSI: 420012000283814</i>				
Input Data (invalid): <i>IMSI: 420012000283815</i>				
Output/visible result for passed: (post-condition): <i>Pop up with "Max 3 tabs" message appears</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.19.1 Test Record

TR for Test case ID: <i>TC_19</i>	Date: <i>2011-12-02</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>19</i>	Automated <i>No</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-02</i>	Reported to:
		<i>Reported by: Robert Borošak</i>	
Failure description:			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
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### 9.3.20 Test Case Template

Test case ID: <i>TC_20</i>	Date: <i>2011-12-02</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>20</i>	Automated <i>no</i>
Requirement identity: <i>UI-3, NFR-3,NFR-5 ,NFR-4, NFR-3,NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>User has an internet connection; User is logged in</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Closing of tabs</i>				
Pre-condition: <i>One or more tabs are created</i>				
Step 1: <i>Click x on tab</i>				
Input Data (valid):				
Input Data (invalid):				
Output/visible result for passed: (post-condition): <i>Tab is closed</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

### 9.3.20.1 Test Record

TR for Test case ID: <i>TC_20</i>	Date: <i>2011-12-02</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>20</i>	Automated <i>no</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-02</i>	Reported to:
		<i>Reported by: Robert Borošak</i>	
Failure description:			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
Acceptance Test Plan	Date: 2011-12-16

### 9.3.21 Test Case Template

Test case ID: <i>TC_21</i>	Date: <i>2011-12-02</i>	Version: <i>1.0</i>	Author: <i>Robert Borošak</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>21</i>	Automated <i>no</i>
Requirement identity: <i>UI-2, DVIS-2, NFR-2, NFR-5, NFR-4, NFR-3, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>User has an internet connection; User is logged in</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Visualization is appearing on search button click on new tab</i>				
Pre-condition: <i>All fields are populated, subscriber IMSI exists</i>				
Step 1: <i>Click Search button</i>				
Step 2: <i>Click on the new tab</i>				
Input Data (valid): <i>IMSI: 420012000283814</i>				
Input Data (invalid): <i>IMSI: 420012000283815</i>				
Output/visible result for passed: (post-condition): <i>Visualization on new tab</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.21.1 Test Record

TR for Test case ID: <i>TC_21</i>	Date: <i>2011-12-02</i>	Executed Version: <i>1.0</i>	Tester: <i>Robert Borošak</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>21</i>	Automated <i>no</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-02</i>	Reported to:
		<i>Reported by: Robert Borošak</i>	
Failure description:			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
Acceptance Test Plan	Date: 2011-12-16

### 9.3.22 Test Case Template

Test case ID: <i>TC_22</i>	Date: <i>2011-12-04</i>	Version: <i>1.0</i>	Author: <i>Inderjeet Singh</i>	Reviewed by: <i>Marin Orlić</i>
Browsers: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>22</i>	Automated <i>no</i>
Requirement identity: <i>UI-2, DVIS-2, NFR-2, NFR-5, NFR-4, NFR-3, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>cdr type and usage type created on page load</i>		
Starting point: Starting PARTool application on browsers				
Test case: Correct cdr and usage type in graph				
Pre-condition: Cdr type and usage type will be created on page load				
Step 1: Login in application through username/password: admin/admin				
Step 2: Select all other parameters on PARTool main page on both panes				
Step 3: Select the cdr type and usage type				
Step 4: Click search button				
Input Data (valid): (“Voice”, SMS”), (“MOC”, ”MOT”)				
Input Data (invalid): No selection				
Output/visible result for passed: (post-condition): On button click graph is created respective to cdr and usage type selection				
<i>Side-effect (clean-up)</i>				
<i>Comment: It is depended on the ajax request to update cdr row</i>				

#### 9.3.22.1 Test Record

TR for Test case ID: <i>TC_22</i>	Date: <i>2011-12-04</i>	Executed Version: <i>1.0</i>	Tester: <i>Inderjeet Singh</i>
Browsers: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>	Test environment: <i>Windows 7</i>	Test Suite: <i>22</i>	Automated <i>No</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2010-12-02</i>	Reported to: <i>&lt;System name&gt;</i>
		Reported by: <i>Inderjeet Singh</i>	
Failure description: The system able to create the account name with the special character and number (at beginning)			
Other:			
Comments: <i>It is depended on the ajax request to update cdr row</i>			

Project Name: Profile and reconciliation tool	Version: 0.05
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### 9.3.23 Test Case Template

Test case ID: <i>TC_23</i>	Date: <i>2011-12-01</i>	Version: <i>1.0</i>	Author: <i>Inderjeet Singh</i>	Reviewed by: <i>Marin Orlic</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>23</i>	Automated <i>No</i>
Requirement identity: <i>UI-2, DVIS-2, NFR-2, NFR-5, NFR-4, NFR-3, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>PARTool page contains the cdr rows for selection</i>		
Starting point: Starting the PARTool				
Test case: Selection of "All" usage type				
Pre-condition: Cdr and usage type selection row exist				
Step 1: Start PARTool				
Step 2: Enter username and password				
Step 3: Click Login button				
Step 4: Select cdr type and usage to "All"				
Input Data (valid): Usage type: "All"				
Input Data (invalid): Usage type: "AT", "S1" etc				
Output/visible result for passed: (post-condition): Visualization contain all the usage type data respective to cdr type				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

### 9.3.23.1 Test Record

TR for Test case ID: <i>TC_23</i>	Date: <i>2011-12-01</i>	Executed Version: <i>1.0</i>	Tester: <i>Inderjeet Singh</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>23</i>	Automated <i>no</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-04</i>	Reported to:
		<i>Reported by: Inderjeet Singh</i>	
Failure description:			
Other:			
Comments:			



Project Name: Profile and reconciliation tool	Version: 0.05
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### 9.3.24 Test Case Template

Test case ID: <i>TC_24</i>	Date: <i>2011-12-04</i>	Version: <i>1.0</i>	Author: <i>Inderjeet Singh</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>24</i>	Automated <i>no</i>
Requirement identity: <i>UI-2, DVIS-2, NFR-2, NFR-5, NFR-4, NFR-3, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>Setting parameters section working fine</i>		
Starting point: <i>Starting the PARTool</i>				
Test case: <i>Visualization appear on new tab</i>				
Pre-condition:				
Step 1: <i>Start PARTool</i>				
Step 2: <i>Enter username and password</i>				
Step 3: <i>Click Login button</i>				
Step 4: <i>Fill all the fields on both panes like IMSI, MSISDN</i>				
Step 5: <i>Fill setting parameters for visualization like start and end date, cdr type etc</i>				
Input Data (valid): <i>Correct fields for all</i>				
Input Data (invalid): <i>Leave any field empty</i>				
Output/visible result for passed: (post-condition): <i>New tab created showing visualization</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.24.1 Test Record

TR for Test case ID: <i>TC_24</i>	Date: <i>2011-12-04</i>	Executed Version: <i>1.0</i>	Tester: <i>Inderjeet Singh</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>24</i>	Automated <i>no</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-04</i>	Reported to:
		<i>Reported by: Inderjeet Singh</i>	
Failure description:			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
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### 9.3.25 Test Case Template

Test case ID: <i>TC_25</i>	Date: <i>2011-12-04</i>	Version: <i>1.0</i>	Author: <i>Inderjeet Singh</i>	Reviewed by: <i>Marin Orlic</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>25</i>	Automated <i>no</i>
Requirement identity: <i>UI-2, DVIS-2, NFR-2, NFR-5, NFR-4, NFR-3, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>X-axis and Y-axis are fixed all time</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>X-axis and Y-axis values are correct and in alignment</i>				
Pre-condition: <i>User is logged in</i>				
Step 1: <i>Fill all parameters for visualization</i>				
Step 2: <i>Click search button</i>				
Step 3: <i>Go to the new created tab</i>				
Input Data (valid): <i>Filled all fields</i>				
Input Data (invalid): <i>Left any field empty for visualization</i>				
Output/visible result for passed: (post-condition): <i>New tab created, X-axis and Y-axis value are in alignment</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.25.1 Test Record

TR for Test case ID: <i>TC_25</i>	Date: <i>2011-12-04</i>	Executed Version: <i>1.0</i>	Tester: <i>Inderjeet Singh</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>25</i>	Automated <i>no</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-04</i>	Reported to:
		<i>Reported by: Inderjeet Singh</i>	
Failure description:			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
Acceptance Test Plan	Date: 2011-12-16

### 9.3.26 Test Case Template

Test case ID: <i>TC_26</i>	Date: <i>2011-12-04</i>	Version: <i>1.0</i>	Author: <i>Inderjeet Singh</i>	Reviewed by: <i>Marin Orlic</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>26</i>	Automated <i>no</i>
Requirement identity: <i>UI-2, DVIS-2, NFR-2, NFR-5, NFR-4, NFR-3, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>user is logged in</i>		
Starting point: Starting the PARTool				
Test case: Rendering visualization data				
Pre-condition: Successful login				
Step 1: Set other parameters except cdr row				
Step 2: Select one cdr type and one usage type				
Step 3: Add one more row by + sign				
Step 4: Select same cdr type and new usage type				
Step 5: Click search button				
Input Data (valid): cdr type: "SMS", usage type: "S1", "S2"				
Input Data (invalid): cdr type: "SMS", usage type: "S1", "S1"				
Output/visible result for passed: (post-condition): New tab showing the data as selected by user				
<i>Comment:</i>				

#### 9.3.26.1 Test Record

TR for Test case ID: <i>TC_26</i>	Date: <i>2011-12-04</i>	Executed Version: <i>1.0</i>	Tester: <i>Inderjeet Singh</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>26</i>	Automated <i>no</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-04</i>	Reported to:
		<i>Reported by: Inderjeet Singh</i>	
Failure description:			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
Acceptance Test Plan	Date: 2011-12-16

### 9.3.27 Test Case Template

Test case ID: <i>TC_27</i>	Date: <i>2011-12-04</i>	Version: <i>1.0</i>	Author: <i>Inderjeet Singh</i>	Reviewed by: <i>Marin Orlic</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>27</i>	Automated <i>No</i>
Requirement identity: <i>UI-2, DVIS-2, NFR-2, NFR-5, NFR-4, NFR-3, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>User has an internet connection; User is logged in; All input fields are populated</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Color selection for each usage type</i>				
Pre-condition: <i>All input fields are populated</i>				
Step 1: <i>Select color for one usage type</i>				
Step 2: <i>Add new cdr row</i>				
Step 3: <i>Select color for new usage type</i>				
Step 4: <i>Click search button</i>				
Input Data (valid): <i>cdr type: "SMS" usage type : "S1", "S2" different colors</i>				
Input Data (invalid): <i>cdr type: "SMS" usage type : "S1", "S2" same colors</i>				
Output/visible result for passed: (post-condition): <i>Graph contains different color circles as selected</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

### 9.3.27.1 Test Record

TR for Test case ID: <i>TC_27</i>	Date: <i>2011-12-04</i>	Executed Version: <i>1.0</i>	Tester: <i>Inderjeet Singh</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>27</i>	Automated <i>No</i>
Result: <i>Passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-02</i>	Reported to:
		<i>Reported by: Inderjeet Singh</i>	
Failure description:			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
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### 9.3.28 Test Case Template

Test case ID: <i>TC_28</i>	Date: <i>2011-12-04</i>	Version: <i>1.0</i>	Author: <i>Inderjeet Singh</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>28</i>	Automated <i>No</i>
Requirement identity: <i>UI-2, DVIS-2, NFR-2, NFR-5, NFR-4, NFR-3, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>User has an internet connection; User is logged in; All input fields are populated</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Bar graph by day and hour is correct according to selected colors</i>				
Pre-condition: <i>All input fields are populated</i>				
Step 1: <i>Select color for one usage type</i>				
Step 2: <i>Add new cdr row</i>				
Step 3: <i>Select color for new usage type</i>				
Step 4: <i>Click search button</i>				
Input Data (valid): <i>cdr type: "SMS" usage type : "S1", "S2" different colors</i>				
Input Data (invalid): <i>cdr type: "SMS" usage type : "S1", "S2" same color</i>				
Output/visible result for passed: (post-condition): <i>Bars are created for days and hours showing presence of percentage of each usage type with different colors</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.28.1 Test Record

TR for Test case ID: <i>TC_28</i>	Date: <i>2011-12-04</i>	Executed Version: <i>1.0</i>	Tester: <i>Inderjeet Singh</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>28</i>	Automated <i>No</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-04</i>	Reported to:
		<i>Reported by: Inderjeet Singh</i>	
Failure description:			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
Acceptance Test Plan	Date: 2011-12-16

### 9.3.29 Test Case Template

Test case ID: <i>TC_29</i>	Date: <i>2011-12-04</i>	Version: <i>1.0</i>	Author: <i>Inderjeet Singh</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>29</i>	Automated <i>no</i>
Requirement identity: <i>UI-2, DVIS-2, NFR-2, NFR-5, NFR-4, NFR-3, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>User has an internet connection; User is logged in</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Alignment of graph in both panes and all browsers</i>				
Pre-condition: <i>User is logged in</i>				
Step 1: <i>Filled all fields in both panes</i>				
Step 2: <i>Press search button</i>				
Input Data (valid): <i>All fields are filled</i>				
Input Data (invalid): <i>Empty fields</i>				
Output/visible result for passed: (post-condition): <i>Visualization alignment is different in all browsers based on resolution</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.29.1 Test Record

TR for Test case ID: <i>TC_29</i>	Date: <i>2011-12-04</i>	Executed Version: <i>1.0</i>	Tester: <i>Inderjeet Singh</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>29</i>	Automated <i>no</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-04</i>	Reported to:
		<i>Reported by: Inderjeet Singh</i>	
Failure description: <i>Pop up with "Enter start date" message appears</i>			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
Acceptance Test Plan	Date: 2011-12-16

### 9.3.30 Test Case Template

Test case ID: <i>TC_30</i>	Date: <i>2011-12-04</i>	Version: <i>1.0</i>	Author: <i>Inderjeet Singh</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>30</i>	Automated <i>no</i>
Requirement identity: <i>UI-2, DVIS-2, NFR-2, NFR-5, NFR-4, NFR-3, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>User has an internet connection; User is logged in</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Legend is showing correct values</i>				
Pre-condition: <i>All other fields are populated</i>				
Step 1: <i>Select different values for cdr types and usage types</i>				
Step 2: <i>Click Search button</i>				
Input Data (valid): <i>cdr type: "SMS", usage type: "S1", "SP"</i>				
Input Data (invalid): <i>no selection of cdr type and usage type</i>				
Output/visible result for passed: (post-condition): <i>Legend appears showing selected values with colors</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.30.1 Test Record

TR for Test case ID: <i>TC_30</i>	Date: <i>2011-12-04</i>	Executed Version: <i>1.0</i>	Tester: <i>Inderjeet Singh</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>30</i>	Automated <i>no</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-04</i>	Reported to:
		<i>Reported by: Inderjeet Singh</i>	
Failure description:			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
Acceptance Test Plan	Date: 2011-12-16

### 9.3.31 Test Case Template

Test case ID: <i>TC_31</i>	Date: <i>2011-12-12</i>	Version: <i>1.0</i>	Author: <i>Inderjeet Singh</i>	Reviewed by: <i>Marin Orlic</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>31</i>	Automated <i>no</i>
Requirement identity: <i>UI-2, DVIS-2, DVIS-3, NFR-2, NFR-5, NFR-4, NFR-3, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>User has an internet connection; User is logged in</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Tooltip on created graph</i>				
Pre-condition: <i>All other fields are populated</i>				
Step 1: <i>Select different values for cdr types and usage types</i>				
Step 2: <i>Click Search button</i>				
Step 3: <i>Go to new created tab</i>				
Step 4: <i>Take cursor on each circle created on graph and check information is valid or not</i>				
Input Data (valid): <i>Selected cdr and usage type exists in server response</i>				
Input Data (invalid): <i>No existence of cdr type and usage type</i>				
Output/visible result for passed: (post-condition): <i>Tooltip shows correct data on mouse over and does not show anything on mouse off</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.31.1 Test Record

TR for Test case ID: <i>TC_31</i>	Date: <i>2011-12-12</i>	Executed Version: <i>1.0</i>	Tester: <i>Inderjeet Singh</i>
Browser: <i>Firefox 8.0, Chrome 15, IE 9, Safari 5</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>31</i>	Automated <i>no</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-12</i>	Reported to:
		<i>Reported by: Inderjeet Singh</i>	
Failure description:			
Other:			
Comments:			



Project Name: Profile and reconciliation tool	Version: 0.05
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### 9.3.32 Test Case Template

Test case ID: <i>TC_32</i>	Date: <i>2011-12-12</i>	Version: <i>1.0</i>	Author: <i>Inderjeet Singh</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>32</i>	Automated <i>no</i>
Requirement identity: <i>UI-1, UI-2, DVIS-2, NFR-2,NFR-5 ,NFR-4, NFR-3,NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>User has an internet connection; User is logged in</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Show subscriber information button</i>				
Pre-condition: <i>All other fields are populated</i>				
Step 1: <i>Select different values for cdr types and usage types</i>				
Step 2: <i>Click Search button</i>				
Step 3: <i>go to the created new tab</i>				
Step 4: <i>click on show subscriber dat button</i>				
Step 5: <i>click again on hide information button</i>				
Input Data (valid): <i>N/A</i>				
Input Data (invalid): <i>Not click on show subscriber button</i>				
Output/visible result for passed: (post-condition): <i>show subscriber button click show the information on same tab, and hide information button show the graph again</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.32.1 Test record

TR for Test case ID: <i>TC_32</i>	Date: <i>2011-12-12</i>	Executed Version: <i>1.0</i>	Tester: <i>Inderjeet Singh</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>32</i>	Automated <i>no</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date: <i>2011-12-12</i>	Reported to:
		<i>Reported by: Inderjeet Singh</i>	
Failure description:			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
Acceptance Test Plan	Date: 2011-12-16

### 9.3.33 Test Case Template

Test case ID: <i>TC_33</i>	Date: <i>2012-01-01</i>	Version: <i>1.0</i>	Author: <i>Inderjeet Singh</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>33</i>	Automated <i>no</i>
Requirement identity: <i>UI-3, DVIS-2, NFR-2, NFR-5, NFR-4, NFR-3, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>User has an internet connection; User is logged in, visualization is already created</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>Change properties working</i>				
Pre-condition: <i>Tab with visualization is already open</i>				
Step 1: <i>Click on change properties link on top right corner</i>				
Step 2: <i>Set parameters from popup windows like cdr and usage type</i>				
Step 3: <i>click "OK" button on popup window.</i>				
Step 4: <i>same tab should be there with new properties</i>				
Step 5: <i>close the tab</i>				
Input Data (valid): <i>N/A</i>				
Input Data (invalid): <i>Not click on change properties link</i>				
Output/visible result for passed: (post-condition): <i>show new visualization in the same tabs with new selected properties.</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.33.1 Test record

TR for Test case ID: <i>TC_33</i>	Date: <i>2012-01-01</i>	Executed Version: <i>1.0</i>	Tester: <i>Inderjeet Singh</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>33</i>	Automated <i>no</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date:	Reported to:
		<i>Reported by: Inderjeet Singh</i>	
Failure description:			
Other:			
Comments:			

Project Name: Profile and reconciliation tool	Version: 0.05
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### 9.3.34 Test Case Template

Test case ID: <i>TC_34</i>	Date: <i>2012-01-01</i>	Version: <i>1.0</i>	Author: <i>Inderjeet Singh</i>	Reviewed by: <i>Marin Orlić</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9</i>		Operating System: <i>Windows 7</i>	Test Suite: <i>34</i>	Automated <i>no</i>
Requirement identity: <i>UI-3, DVIS-2, NFR-2, NFR-5, NFR-4, NFR-3, NFR-6</i>	TDT used: <i>Positive</i>	Assumptions: <i>User has an internet connection; User is logged in, visualization is already created</i>		
Starting point: <i>PARTool main page</i>				
Test case: <i>showing correct IMSI Change properties working</i>				
Pre-condition: <i>Tab with visualization is already open</i>				
Step 1: <i>Click on change properties link on top right corner</i>				
Step 2: <i>Open popup window should show the same IMSI or MSISDN as in tab</i>				
Step 5: <i>close the tab</i>				
Input Data (valid): <i>N/A</i>				
Input Data (invalid): <i>Not click on change properties link</i>				
Output/visible result for passed: (post-condition): <i>Popup window should display the same IMSI or MSISDN as in selected tab</i>				
<i>Side-effect (clean-up)</i>				
<i>Comment:</i>				

#### 9.3.34.1 Test record

TR for Test case ID: <i>TC_34</i>	Date: <i>2012-01-01</i>	Executed Version: <i>1.0</i>	Tester: <i>Inderjeet Singh</i>
Browser: <i>FireFox 8.0, Chrome 15, IE 9</i>	Operating system: <i>Windows 7</i>	Test Suite: <i>34</i>	Automated <i>no</i>
Result: <i>passed</i>			
Side-effect:			
	Failure ID nr:	Failure report date:	Reported to:
		<i>Reported by: Inderjeet Singh</i>	
Failure description:			
Other:			
Comments:			

## 9.4 Test plan

The main testing will only start after completion of main functionalities in PARTool. Bug fixing will be in parallel with testing.

## 9.5 Summary test cases

This section contains the summary of all the test cases defined above. The testing of client side of Partool project has been covered by total 32 test cases, these test cases covered almost all the essential functionalities of PARTool project. Therefore, out of 32 test cases all should pass it based on the testing technique mentioned in specific test case, otherwise it may have some problem in the PARTool project. Until now in PARTool

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acceptance test document could be considered as passed because it matches defined requirements.

Test ID	Test name	Pass/Fail
TC_01	Login with valid username/password combination	Pass
TC_02	Login with invalid username/password combination	Pass
TC_03	Logout (session closed)	Pass
TC_04	Two panes appear after login	Pass
TC_05	Check IMSI button with non 15 digit number	Pass
TC_06	Check IMSI button with 15 digit number	Pass
TC_07	Empty start date	Pass
TC_08	Start date is bigger than end date	Pass
TC_09	Invalid date format in start date	Pass
TC_10	Empty end date	Pass
TC_11	End date earlier than start date	Pass
TC_12	Invalid end date format	Pass
TC_13	Add CDR Type row	Pass
TC_14	Remove CDR type row	Pass
TC_15	Creation of tabs on search button with wrong IMSI	Pass
TC_16	Creation of tabs on search button	Pass
TC_17	Tab name is based on IMSI number	Pass
TC_18	Tab name is based on MSISDN number	Pass
TC_19	Maximum of 3 tabs per pane	Pass
TC_20	Closing of tabs	Pass
TC_21	Visualization is appearing on search button click on new tab	Pass
TC_22	Correct cdr and usage type in graph	Pass
TC_23	Selection of "All" usage type	Pass
TC_24	Visualization appear on new tab	pass
TC_25	X-axis and Y-axis values are correct and in alignment	Pass
TC_26	Rendering visualization data	Pass
TC_27	Color selection for each usage type	Pass

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TC_28	Bar graph by day and hour is correct according to selected colors	Pass
TC_29	Alignment of graph in both panes and all browsers	Pass
TC_30	Legend is showing correct values	Pass
TC_31	Tooltip on created graph	Pass
TC_32	Show subscriber information button	Pass
TC_33	Change properties working	Pass
TC_34	Showing correct IMSI or MSISDN in popup window	Pass

## Responsibilities

### 9.6 Developers

- Perform unit testing on respective module
- Bug fixing reported by tester(bug tracker)
- Add new features

### 9.7 User representative

The team is in constant touch with customer, so feedback from customer regarding adding or modifying any features are in parallel. After submitting Beta version, customer can test the tool by himself and report the bugs to PARTool team.

## 10. Risks and contingencies

Risks related during testing process

- PARTool is only tested on specified browsers, so it could give problem on other versions
- PARTool is still under development, so testing might crash the application.

## 11. Approvals

Name	Title	Date yyyy-mm-dd	Signature
Marin Orlić	Supervisor		