



Visual Portfolio Analysis tool for Kommuninvest Summary Week Report

2017-11-21

Version 1.0

Visual Portfolio Analysis tool for Kommunivest	Version: 1.0
Summary Week Report	Date: 2017-11-21

Revision History

Date	Version	Description	Author
2017-11-17	1.0	Summary Week Report	Valentina Menabue

1. Introduction

1.1 Purpose of this document

The purpose of this document is to report the activities that happened within the past week, with the intent of understanding project progress.

1.2 Document organization

The document is organized as follows:

- Section 2 – Total Team Effort – Work Hours, Activities and tasks done by the team members.
- Section 3 – Aggregated Team Data – Sum of all the Work Hours, Activities and Tasks performed by the team members
- Section 4 – Main team accomplishments and challenges they faced during the week.

1.3 Intended Audience

The Intended Audience for this report are the supervisors of the course and the project team. If necessary it can also be shared with the customer.

1.4 Scope

This document addresses working hours and efforts spent by the team members during this week, (2017-11-14 to 2017-11-21 included)

Visual Portfolio Analysis tool for Kommunivest	Version: 1.0
Summary Week Report	Date: 2017-11-21

2. Total Team Effort

Team Members	Work Hours	Activities / Tasks done
Valentina Menabue	12	<ul style="list-style-type: none"> - Preparation of Status Report presentation - Creation of Minutes of Meetings document - Creation of Summary Week Report document - Download docker and all the technologies in order to be ready in case Frontend needs help
Stefano Cilloni	14	<ul style="list-style-type: none"> - Migrations of the database working. Automatically triggered each time dev env is executed - Created Telegram channels to discuss by topic (Frontend, Backend, Database, etc..) - Frontend docker image fix - Docker image building procedure moved to docker hub - Minor fixes about docker integration problems
Luca Franceschetti	10	<ul style="list-style-type: none"> - Sprint 3 retrospective - Sprint 4 creation and revision - Preparation of Status Report presentation with other team members - Updated Project Plan document and uploaded version 1.1 - Created Gantt of Sprint 4 - Download docker and all the technologies in order to be ready in case Frontend needs help - Trello management
Eldar Alasgarov	12	<ul style="list-style-type: none"> - Login / Logout works, all pages require Authentication now - Role-based separation of the visible parts of the website - CSS Styling separation for all the pages - Key Performance Indicators brought from the Back-end
Rodrigo Coelho	19	<ul style="list-style-type: none"> - Working on exporting data from the prototype database in Access to Postgres. - First need to install Postgres Docker container and then study how the JSON import works. - Having some problems with docker installation, but working on it with the team. Installation hanging at the back-end docker container. - SWR and MOM revision - Project Plan Revision - Trello updates for the DB team
Hamza Sabljakovic	8	<ul style="list-style-type: none"> - Creating the initial dashboard backend service

Visual Portfolio Analysis tool for Kommunivest	Version: 1.0
Summary Week Report	Date: 2017-11-21

		<ul style="list-style-type: none"> - Implementation of the temporary users - Trying to understand the domain model
Aliya Hussain	7	<ul style="list-style-type: none"> - setup local docker environment - worked on UI of user profile
Tim Liberg	5	<ul style="list-style-type: none"> - Setup local docker environment - Sprint backlog - Trello management

Visual Portfolio Analysis tool for Kommunist	Version: 1.0
Summary Week Report	Date: 2017-11-21

3. Aggregated Data

Team Members	Work Hours	Activities / Tasks done
Valentina Menabue	75	<ol style="list-style-type: none"> 1. Prepare a section of the presentation 2. Discussed about architecture and technology to be used 3. Requirements & Design presentation Conceived and designed Use Case Diagram Conceived and designed Activity diagrams of 4 requirements Requirements document deliverable First initial version of Design document deliverable 4. Revision of Project Plan Document Complete Requirement Document Initial draft of Status Report presentation Revision of Design Document Prepare presentation (with Eldar, Hamza and Luca) Set up local docker environment 5. Requirements document Design document Status report presentation 6. Preparation of Status Report presentation Creation of Minutes of Meetings document Creation of Summary Week Report document Download docker and all the technologies in order to be ready in case Frontend need helps
Stefano Cilloni	86	<ol style="list-style-type: none"> 1. Prepare a section of the presentation, prepare to present the slide 2. Discussed about architecture and technology to be used. Minutes of Meeting and Summary Weekly Report. Reorganised Google Drive folder. Created GitHub repository. Created template for technologies proposal. Created 3 different Skype groups for supervisors, customer and the team. 3. Set up GitHub repository organization Wrote GitHub coordination documents to better exploit GitHub rich functionalities of fair team cooperation Set up dockerized version of development environment (dev. env.) Documented docker environment behaviour Added database container to the dev. env.

Visual Portfolio Analysis tool for Kommunivest	Version: 1.0
Summary Week Report	Date: 2017-11-21

		<p>Helped to rewrite non-functional requirements Revised Minutes of Meeting (x2) and Summary Weekly Report. Reviewed sprint 0 GitHub PR code reviews</p> <p>4. Create initial base DB schema template from which to start from, as by agreement Project plan revision Sprint 2 contribution Helped Eldar to set up local docker environment Helped Tim to set up local docker environment Fix some issues with frontend template Repository documentation refactoring Docker documentation improved Added docker container for graphical administration of database (dev env) Fix other issues on frontend</p> <p>5. Contributed with tasks for Sprint 3 backlog Requirements document review Design document review Set up the DB connection with sequelize Docker minor issues fixes Database automatic creation script setup api-doc Swagger endpoint issue with Docker fixed Restructured backend endpoints mounting</p> <p>6. Migrations of the database working Automatically triggered each time dev env is executed Created Telegram channels to discuss by topic (Frontend, Backend, Database, etc..) Frontend docker image fix Docker image building procedure moved to docker hub Minor fixes about docker integration problems</p> <p>7. Migrations of the database working. Automatically triggered each time dev env is executed Created Telegram channels to discuss by topic (Frontend, Backend, Database, etc..) Frontend docker image fix Docker image building procedure moved to docker hub Minor fixes about docker integration problems</p>
Luca Franceschetti	81	<p>1. Prepare a section of the presentation, and communicate with supervisors</p> <p>2. Discussed about architecture and technology to be used and communicate with the customer. Reorganised Google Drive folder. Make primary version of Requirements & Design</p>

Visual Portfolio Analysis tool for Kommunivest	Version: 1.0
Summary Week Report	Date: 2017-11-21

		<p>presentation, and share it on Google Drive. Update Project Vision presentation, correcting some errors pointed out by supervisors. Backlogged sprint 0</p> <p>3. Completed sprint 0 table and manage Trello board dividing completed and uncompleted task (for future sprints) Completed sprint 1 table and manage Trello board dividing completed and uncompleted task (for future sprints) Created initial version of Product Backlog Defined initial requirements (with doc.) Completed Project Plan document Conceived and designed high level architecture of the system Conceived and designed initial mockup of graphical user interface Talk and write email with customer Update Trello board Requirements & Design presentation Requirements document deliverable Revised Minutes of Meeting (x2) and Summary Weekly Report.</p> <p>4. Sprint 1 retrospective Sprint 2 revision Project plan revision Requirement document Design document Trello management (with Hamza) Gantt chart (plus revision it, adding details) Prepare presentation (with Eldar, Hamza and Luca) Revision of MoM (2017-11-04) and SWR (2017-11-07)</p> <p>5. Sprint 2 retrospective Sprint 3 revision Updated Gantt chart with highly detailed sprints Requirements document Design document Trello management Gantt chart sprint 3 Status report presentation</p> <p>6. Sprint 3 retrospective Sprint 4 creation and revision Preparation of Status Report presentation with other team members Updated Project Plan document and uploaded version</p>
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Visual Portfolio Analysis tool for Kommunivest	Version: 1.0
Summary Week Report	Date: 2017-11-21

		<p>1.1 Created Gantt of Sprint 4 Download docker and all the technologies in order to be ready in case Frontend needs help Trello management</p> <p>7. Sprint 3 retrospective Sprint 4 creation and revision Preparation of Status Report presentation with other team members Updated Project Plan document and uploaded version 1.1 Created Gantt of Sprint 4 Download docker and all the technologies in order to be ready in case Frontend needs help Trello management</p>
Eldar Alasgarov	62	<ol style="list-style-type: none"> 1. Minutes of Meeting and Summary Weekly Report 2. Discussed about architecture and technology to be used 3. Discussion and choice on the template for Front-end. Finding and Installing premade Template for Front-end with integrated Vue.js modules. Adding Highcharts on top of it as well Prepare to present the slide Revised Use Case diagram 4. Upload of the first web app template on github (with Aliya) Prepare for presentation (with Hamza, Valentina and Luca) Revision of MoM, SWR and Project Plan Documents 5. Requirements and design documents review Set up the initial template, Prepare initial design examples 6. Login / Logout works, all pages require Authentication now Role-based separation of the visible parts of the website CSS Styling separation for all the pages Key Performance Indicators brought from the Back-end
Rodrigo Coelho	69	<ol style="list-style-type: none"> 1. Prepare a section of the presentation. Discussed about architecture and technology to be used and communicate with the customer. Created Github repository. Use case slides for the presentation. 2. Created basic concept graphical version of the application for client. Development of the prototype using Rstudio based on the Shiny platform to represent the capabilities of the system in regards to the project. 3. Revision of the Documentation. Contribution to the

Visual Portfolio Analysis tool for Kommunivest	Version: 1.0
Summary Week Report	Date: 2017-11-21

		<p>Requirements Document. Development of the database schema and documentation.</p> <ol style="list-style-type: none"> Project Plan Revision. DB prototype in MS Access. Test queries. MoM documentation. SWR documentation. Database schema development Normalization analysis Imported data into MS Access for prototyping Initial query tests Contribution to functional requirements Project plan revision Working on exporting data from the prototype database in Access to Postgres. First need to install Postgres Docker container and then study how the JSON import works. Having some problems with docker installation, but working on it with the team. Installation hanging at the back-end docker container SWR and MOM revision Project Plan Revision Trello updates for the DB team
Hamza Sabljakovic	41	<ol style="list-style-type: none"> Prepare a section of the presentation Discussed about architecture and technology to be used Conceived and designed high level architecture of the system Setting up the initial version of project Implementing basic authentication GitHub PR code reviews Writing the code documentation Prepare to present the slides Researching for the evn variables Sequelize integration with development and production database JWT middleware Backend app organisation Code refactoring Prepare for the presentation Contribution to the requirements document CORS issues solved Creating the initial dashboard backend service Implementation of the temporary users Trying to understand the domain model
Aliya Hussain	45	<ol style="list-style-type: none"> Prepare a section of the presentation Discussed about architecture and technology to be

Visual Portfolio Analysis tool for Kommunivest	Version: 1.0
Summary Week Report	Date: 2017-11-21

		<p>used</p> <ol style="list-style-type: none"> 3. Minutes of Meeting (x2) and Summary Weekly Report. Discussion and choice on the template for Front-end. Created initial template for the website structure 4. Helped Eldar with setting up web template Draw initial website wireframes for the presentation Revised the presentation with Luca, Eldar, Hamza and Valentina 5. Setup initial template Prepare initial design 6. Setup local docker environment Worked on UI of user profile
Tim Liberg	48	<ol style="list-style-type: none"> 1. Prepare a section of the presentation, prepare to present the slide 2. Discussed about architecture and technology to be used. Created primary version of Project Vision deliverable. 3. Requirements definition 4. Setup local docker environment Swagger.io integration for API 5. Minutes of meeting Requirements document review Sprint backlog Trello management User management API Watched Sequelize tutorials Data upload API Summary week report 6. Setup local docker environment Sprint backlog Trello management

4. Major Team Accomplishments and Obstacles

- For the **Documentation**, version 1.1 of Project Plan document is uploaded, after having completed some advised tasks given by supervisors. After doing a lot of working hours for requirements/design documents delivery, this week we focused on installing and running technology (like Docker, etc) in order to be prepared in case frontend needs help or backup. In next days we will start preparing Alpha-Prototype presentation.
- For the **Front-end**, an initial template and design was set up and presented to the customer. Login / Logout Authentication finished, now it is secure, so far. Website views are now viewed in accordance to the role of the Logged in user. Key Performance Indicators are also received from the API endpoints

Visual Portfolio Analysis tool for Kommunivest	Version: 1.0
Summary Week Report	Date: 2017-11-21

- For the **Back-end**, API endpoints for user management have been added. These endpoints currently returns hard-coded example data, since the database is not ready yet. Also, the API endpoints for the Key Performance Indicators, both GET and POST.
- For the **Database**, SQL schema migrations are triggered on the development environment each time it is executed. Migrations are now creating and keeping up-to-date the database schema. Created first entities (User and Role) with the Code-First approach.