



Visual Portfolio Analysis tool for Kommuninvest Summary Week Report

2017-11-07

Version 1.0

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Summary Week Report	Date: 2017-11-05

Revision History

Date	Version	Description	Author
2017-11-05	1.0	Summary Week Report	Rodrigo Coelho

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, (2017-10-31 to 2017-11-7 included)

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2. Total Team Effort

Team Members	Work Hours	Activities / Tasks done
Valentina Menabue	12	<ul style="list-style-type: none"> - 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
Stefano Cilloni	14	<ul style="list-style-type: none"> - 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 template - Discussed about database initial implementation and structure with Rodrigo, Hamza, Valentina, Luca
Luca Franceschetti	16	<ul style="list-style-type: none"> - 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)
Eldar Alasgarov	12	<ul style="list-style-type: none"> - 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
Rodrigo Coelho	14	<ul style="list-style-type: none"> - Database schema development and documentation - Importing data into MS Access for prototyping - Preliminary queries development - Project plan contributions - MoM documentation development - SWR documentation development - Requirements Document contributions
Hamza Sabljakovic	15	<ul style="list-style-type: none"> - Researching for the evn variables

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		<ul style="list-style-type: none"> - Sequelize integration with development and production database - JWT middleware - Backend app organisation - Code refactoring - Prepare for the presentation
Aliya Hussain	12	<ul style="list-style-type: none"> - Helped Eldar with setting up web template - Draw initial website wireframes for the presentation - Revised the presentation with Luca, Eldar, Hamza and Valentina
Tim Liberg	16	<ul style="list-style-type: none"> - Setup local docker environment - Swagger.io integration for API

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3. Aggregated Data

Team Members	Work Hours	Activities / Tasks done
Valentina Menabue	38	<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
Stefano Cilloni	39	<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. Helped to rewrite non-functional requirements Revised Minutes of Meeting (x2) and Summary Weekly Report. Reviewed sprint 0 GitHub PR code reviews 4. Create initial base DB schema template from which to start from, as by agreement Project plan revision Sprint 2 contribution

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		<p>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>
Luca Franceschetti	46	<ol style="list-style-type: none"> 1. Prepare a section of the presentation, and communicate with supervisors 2. Discussed about architecture and technology to be used and communicate with the customer. Reorganised Google Drive folder. Make primary version of Requirements & Design presentation, and share it on Google Drive. Update Project Vision presentation, correcting some errors pointed out by supervisors. Backlogged sprint 0 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. 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)

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Eldar Alasgarov	26	<ol style="list-style-type: none"> Minutes of Meeting and Summary Weekly Report Discussed about architecture and technology to be used 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 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
Rodrigo Coelho	36	<ol style="list-style-type: none"> 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. 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. Revision of the Documentation. Contribution to the Requirements Document. Development of the database schema and documentation. Project Plan Revision. DB prototype in MS Access. Test queries. MoM documentation. SWR documentation.
Hamza Sabljakovic	30	<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
Aliya Hussain	28	<ol style="list-style-type: none"> Prepare a section of the presentation

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		<ol style="list-style-type: none"> 2. Discussed about architecture and technology to be used 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
Tim Liberg	29	<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

4. Major Team Accomplishments and Obstacles

- For the **Data**, apart from being in Swedish, which complicated a little the analysis, everything went well with the development of a first database prototype in MS Access. The tables have some NAs in primary key fields which we just ignored for now.
- For the **Documentation**, apart for one use case related to download that will be discussed with the entire group, everything went well. Luca and Valentina decided to design Sequence Diagram and Activity Diagram of the 4 most relevant use cases. Most of Design Document section are defined and written, graphical user interface and database are not yet completed and will be discussed during next meeting.
- For the **Front-end**, initial obstacle was to set up environment for sufficient functioning for the both main front-end developers to work. Later on, problems occurred with the chosen template for the website, because template was out-of-date and had unsupported Node.js dependencies. Second template was uploaded successfully and now being edited for initial changes.
- For the **Back-end**, basic *Docker* setup was established so environment can be created on the devices of the team members. The *Docker* contains Postgres (with Admin UI), Backend and Front-end entities that are separated for safety reasons. *Swagger.io* was integrated and first API call was created at the back-end. It provides token for the User that Logged in. *Sequelize* and *Express.js* were also added to the *Docker*