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RobertHeijn B.V. Project Plan



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# About Me

My name is Radu Andrei Popescu, I am a student at Fontys University of Applied Sciences and I study ICT & Communication. I can be contacted at the email address [raduandrei.popescu@student.fontys.nl](mailto:raduandrei.popescu@student.fontys.nl) or at the phone number +40722383405. Should I not be available by any of those I can be found at the Fontys University R10 building on Rachelsmolen 1.

# Client Description

The Client for this project is the widely known company as RobertHeijn B.V. They have contacted me in regards to the issue of an application that would allow the clients of the supermarket to shop online. My contact for RobertHeijn B.V is Chua Jessie and I can contact her at [j.chua@fontys.nl](mailto:j.chua@fontys.nl). She will guide me through this project and oversee the development of the application.

# Current Situation

RobertHeijn B.V. currently has physical shops to distribute their products to customers.

# Problem Statement

The problem that RobertHeijn faces is that they do not posses a desktop application for employees and a website for the customers for web shopping.

# Project Goal

My project is intended to provide a maintainable and secure software application and website. The Desktop application should prove understandable by any employee. Its main purpose is the managing the product data. It should also allow the employees to keep track of the orders and allow the marketing department to show bonuses and discounts on their website.

As for the website, it will allow the customers to view the catalogue of products that RobertHeijn possesses and shop online. It will also allow them to create accounts and add products as favourites.

# Deliverables and non-deliverables

We have identified a total of 7 types of deliverables to the client, these are:

* Agenda’s & minutes of every meeting
* Project plan
* User Requirements Specification document (URS)
* UML class diagram
* Desktop Application source code and binaries
* Website Application source code and binaries
* Test plan with Test Report

As for the non-deliverables, I will not provide:

* Hardware for the applications (Laptops, Computers)
* Training
* Manuals and installation services

# Project Constraints

The project should be coded in the programming language C# with Windows Forms and ASP.Net Core Razor Pages frameworks. For the website part a layout framework such as Bootstarp is required along with the use of a MSSQL database.

Both the software for the website andthe desktop application is required to be able to handle fake data for the testing of its algorithms.

Meetings with the client should be weekly.

Final submission should be before 16:00 on 23rd of December.

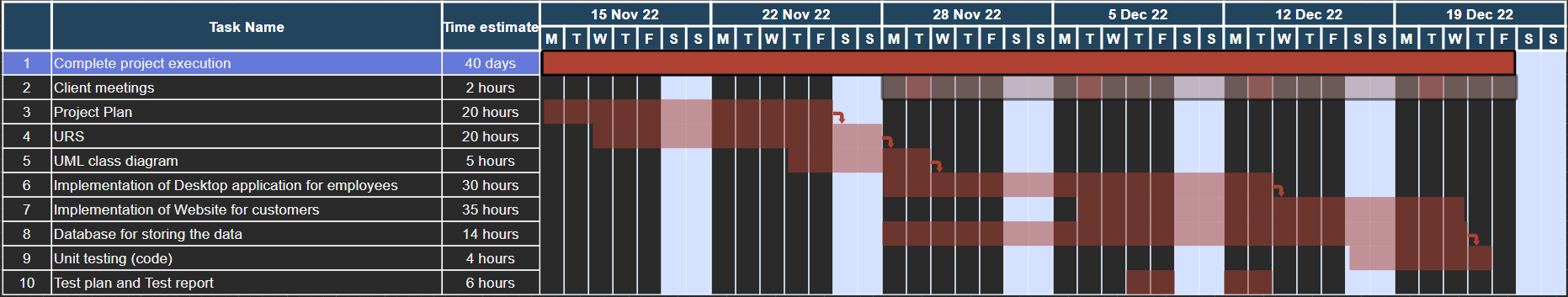
# Phasing

This is the plan that I made having in mind the total of 6 weeks of work:

The first two weeks are crucial since they will include the necessary documents to lay out the general plan of the project along with the design and first version of the application. The following weeks I will continue with the rest of the features and the website and the last weeks target is to add the finishing touches along with bug testing and reports.

To accommodate the client as much as possible, I will dedicate most, if not all of my time to this project, which amounts to a total of 112 hours.

The following Gantt chart was made to visualize the phasing and course that I will be taking in order to achieve the desired end product.



Should there be any interfering that could disrupt the workflow of the project, the client will be contacted immediately to find a suitable mitigation.