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Radu Popescu

Fontys University of Applied Sciences

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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 f 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 does not have an application that allows the customers to order and shop online and one that allows the employees to manage the orders and requests. They only have a physical shop and want to expand to the modern solutions.

# Problem Statement

RobertHeijn B.V wants to improve the user experience of their customers and be able to track the multitude of orders that they will receive.

They also want to see certain information in the application. For example, each item that the shop provides should have the Name, Sub-category, Category, Price and Unit displayed for easier management.

A few things need to be taken into consideration while making the app:

* Adding, changing, managing, or removing the existing data
* The ability for customers to add to the shopping cart the desired item and purchasing it
* Processing the order and the possibility of changing its status
* Tracking the order and making it possible for the customers to review their past orders.
* Advertisements on the main page about most popular picks and bonuses
* Possibility to add an item to a favourites list

# Project Goal

Our project is intended to provide a dependable and simple solution to the issues stated above that the RobertHeijn B.V. faces. The Desktop application should prove easy to use and understand by any employee. This project should contribute in the long term to the better workflow and the administration of the supermarket.

# Deliverables and non-deliverables

We have identified a total of 10 types of deliverables where all 10 deliverables are intended to the client, these are:

* Agenda’s & minutes of every meeting
* Project plan
* User Requirements Specification document (URS)
* Process report
* UML class diagram
* Desktop Application source code and/or binaries along with unit testing
* Website Application source code and/or binaries along with unit testing
* Test plan
* Test report

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

* Hardware for the applications (Laptops, Computers)

# 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 MySQL or MSSQL database.

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

The UX of both applications should follow the common practices and feedback received from the client.

Meetings with the client should be weekly and not missed.

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

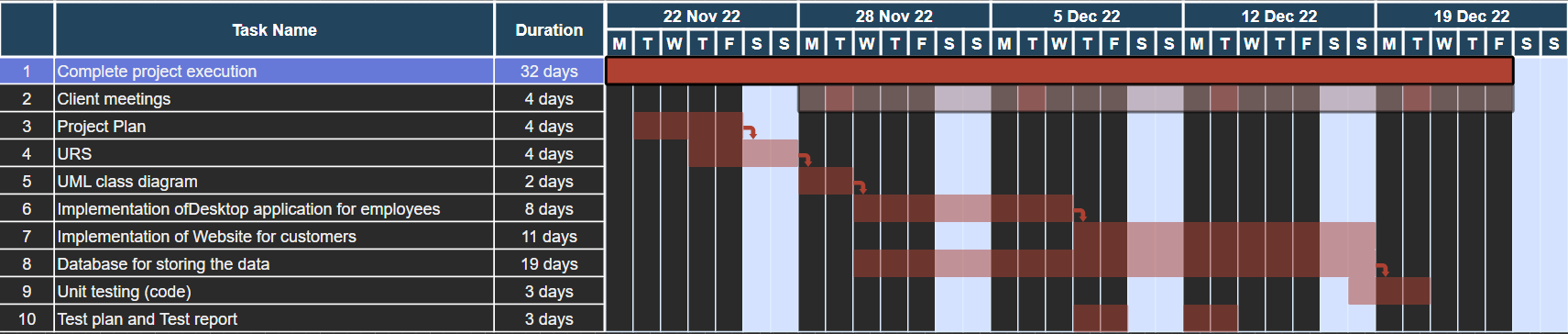
# Phasing

This is the plan that we made having in mind the total of 5 weeks in total of coding:

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 week the target is to add the finishing touches along with bug testing and reports.

To accommodate the client as much as possible, I will try to dedicate most, if not all of my time to this project, which is 7 hours per day.

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.