Project plan

A picture containing text, outdoor, night sky

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Client: RobertHeijn B.V

Git repo: https://git.fhict.nl/I491992/synthesis-assignment

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# Project definition

## Stakeholders

### Client

The company RobertHeijn B.V. is specialized in selling groceries and household goods of distinct categories. The executive board has hired me in order to develop a solution that would suit their needs and solve the problems a supermarket company could face.

### Coordinators

Mr. Wijnen, Mr. Avetyan and Mr. Kuah are all in charge of coordinating this project and at a later stage one of them will also monitor the development of the project more closely.

## End-users

The company RobertHeijn B.V, as well as its shop workers and clients who visit the stores of the company, will be the end-users of our platform.

## Project goal

RobertHeijn B.V. are looking for a new custom–made solution. They do not have any software system yet so I will build it from scratch. I am aware that there are other developers that are working on the same solution. My project is intended to provide a dependable, maintainable, extendable, and secure solution to the issues I have been made aware of.

## Project scope

To know what the boundaries of this project are, a good scope is needed. With a

clear scope I will know which goals and project deliverables will be worked

towards. With this, hitting the goals is ensured and there will not be any delay or

overwork. The scope is to provide the customers and workers of RobertHeijn B.V. with a seamlessly organized and intuitive software environment.

## Way of working

I will be the sole developer working on this solution. I will deliver my project on time and notify the coordinators if an external dependency arises. For this project I will be using the agile method which ensures the solution is exactly as the client imagined it. Every week I will schedule meetings with the project coordinators to ensure that the development of the project is going smooth, and the requirements are strictly met.

## Problem definition

The main concern of RobertHeijn’s management is about having a fully integrated software system that would allow them to manage their store remotely and provide the ability for their customers to order online. They are also having issues keeping product information up to date. The shop-working personnel also cannot easily access the product information and change it or view any details about either the product or the orders they have to prepare. Below there is a more detailed list of current problems, categorized by the timeframe they will be implemented in, the client expects to tackle with the new solution.

# Agile method

## Iteration 1

### General:

* Employees should be able to log in with ease when the credentials are received from the admin
* Some input is handled properly when managing products and other employees

### Intuitive user interface :

* Any user of the app should be able to find information and perform actions quickly at any time.

### Placing an order:

* A customer should be able to place an order after selecting products
* A shop worker should be assigned to prepare that order

# Deliverables

I am going to deliver a Desktop Application and a web application. They together form a simple, yet complete management system for the needs of RobertHeijn’s workers and managers. Include documents

# Constraints

The only limitation we have for this project is that it must be finished in 6 weeks.

* To create the desktop and web applications, I will be using a framework called .NET.
* I will have weekly meetings with the assigned tutor and the other coordinators as well, to ensure the project is headed in the right direction.

# Phasing

I have designed a Gantt chart to give a better understanding of how this project’s milestones are planned throughout this project’s duration.

Chart

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