Project plan Syntesis

#### Hadnagy Robert

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# Assignment

## Introduction

This document presents the synthesis assignment which will be conducted by Hadnagy Robert during weeks 12 – 16.

## client

The company RobertHeijn B.V. is specialized in selling groceries and household goods of different categories.

## Objective

Currently, the company needs a software solution that allows their customers to shop online. For now, the solution must enable their customers to place orders. For example, this can be done by selecting items from different categories, adding items to the shopping cart, and completing the order. After placing an order(s), customers can check the order status. The customers should also be able to retrieve previously made orders with the details.

# App Features / Deliverables

* Login for both desktop and website
* Signup for website
* Create, edit, delete products
* Show products in webshop
* Add and remove products to basket
* Increase / decrease quantity of products in the basket
* Make an order using an address
* Make an order with a pickup location
* Retrieve all placed orders by a user
* Process an order

# Phasing

## Phase 1

### Activities:

* Draw out basic layouts for tabs and functions
* Create UML/Class diagram with necessary fields, naming conventions and presumed methods.
* Create documents
* Create the base classes

### Deliverables:

* Project plan, Test plan, UML and URS.
* Basic skeleton of the code
* Basic classes to each of the code layers
* Basic methods to each of the classes

## Phase 2

### Activities:

* Start implementing the methods
* Focus on the logic layer and the data access layer
* Create unit testing along with creating the logic layer
* Create the database

### Deliverables:

* Feature: Login
* Feature: Add, edit, delete product
* Feature: Webshop design

## Phase 3

### Activities:

* Start implementing the website
* Update and fix the already built methods
* Expand the project

### Deliverables:

* Feature: Show products in webshop
* Feature: Add products to basket

## Phase 4

### Activities:

* Finish up the website
* Finish unit tests
* Fix bugs
* Update documents

### Deliverables:

* Updated documents
* Finished product

# Git Repository

<https://git.fhict.nl/I497144/s2-cb02-syntesis-hadnagy-robert>

# MoSCoW

## Must

* All the core requirements
* Major requirement
* Minor requirement

## Should

* Filter products by category

# Gantt Chart

Chart

Description automatically generated with medium confidence