



## *Media bazaar*

*Project plan*

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**Group:** CB-03

**Version:** 1.1

**Status:** Started

**Members:** Lars, Mohammad, Soleil, Esther

# Table Of Contents

<b>Client</b>	<b>3</b>
<b>Team</b>	<b>3</b>
<b>Current situation</b>	<b>3</b>
<b>Problem description</b>	<b>3</b>
<b>Project goal</b>	<b>3</b>
<b>Non-deliverables</b>	<b>4</b>
<b>Constraints</b>	<b>4</b>
<b>Phasing</b>	<b>4</b>

## Client

Our client is the new store “Media Bazaar”. They are opening their first shop in Eindhoven, funded by the parent company “Jupiter”.

## Team

The name of our team is 1. Our team consists of 4 members: Mohammad, Lars, Soleil, and Esther. The leader of our team is Lars.

## Current situation

Jupiter, the parent company of Media Bazaar has a lot of trouble managing employees and stock. To prevent their new daughter company from having the same problem they decided to invest early in a system to help manage this.

## Problem description

They want to hire a team of software professionals to develop an administrative system that allows its users to keep track of employees and products. Furthermore, it should be possible to allow the users to assign work shifts to employees and view these work shifts per person but also for the entire store.

Ideas such as the addition of departments, in-store attendance registration, and a dedicated website for employees to view their schedules can possibly be added in future versions. But for now, they would like to focus on employee and stock management. There are different types of users for the app. Media Bazaar has three different departments: Depot, Sales and HR. These departments have regular employees and managers.

## Project goal

Our project goal is to help the administrators of the Media Bazaar to keep track of employees and stocks, plan employee shifts, automatic assign of work hours and showing employees information. Employees will also be able to view stock/products information and request replenishments.

## Deliverables

For this project we will deliver the following products:

A software solution:

- For managing stock and employee data.
- Scheduling of employees

A user requirements specifications document, with functional requirements and agreements with the client.

## Non-deliverables

There are also a number of things we will not deliver at this time. This includes a website for employees to view their schedule and a specific app for the sales assistance employees. We will also not deliver a user manual for our software solution.

## Constraints

For our solution there are a few constraints we have to keep in mind. The programming language we will use for our software solution is C#. We will also be using a database to keep track of all the employee and stock information.

The deadline for this project is in week 6, we will deliver our final version and be giving a presentation.

## Phasing

In the first phase, we will have an interview with our client to determine the deliverables/non-deliverables and user requirements specification. We will ask questions to get an idea of what to do for the app. We will then write a User Requirements Specifications document which will contain the agreements with clients, the functional requirements, use cases, and the GUI. The deliverables for the first phase are the project plan and the URS. These will be delivered in week 1 and week 2. This is the first milestone and the first go/no-go decision.

In the second phase, we will start implementing the first features of the solution. We will deliver the first version to our client for review, this is another sub-deliverable. This phase takes place in week 3 and week 4. This is the second go/no-go decision.

After getting feedback on the first version we will improve our app and work on finishing everything. We will deliver the final version to the client in week 5. This is the second milestone and third go/no-go decision moment.

In the final phase, week 6, we will present our app to the client and hand in the project report. This is the final milestone.

There will be 3 go/no-go decisions and 3 milestones, the total project will take 6 weeks.

## Planning

Week 1:

- Create a name and logo for your group
- Create and hand in the project plan

#### Week 2:

- Interview the client
- Improve project plan based on feedback
- Create URS
- Create UML diagram
- Divide work for user cases

#### Week 3:

- Improve URS based on feedback
- Start implementing a software solution
- Deliver UML diagram
- Divide the work for our software solution

#### Week 4:

- Extend the Implementation of our software solution

#### Week 5:

- Continue implementing a software solution
- Create test plan (workshop)
- Send test plan and binaries to peers
- Review peers and create a test report (fill received test plan in).

#### Week 6:

- Write the final report
- Tag software as a deliverable in the GIT repository
- Present final version to client and peers

The work will be divided equally between all four members of our team, each of us will work on specific features of the app.