OnlyBugs Inc.

Project Plan

## Client Description

Our client is Ms. Sreedevi who will represent Media Bazaar and who we can contact using email: s.thayyakatheraveendran@fontys.nl and weekly meetings.

## Team Introduction

Our team consists of 4 people who will be represented by Daniil Blagoev.  
you can contact him using email: [d.blagoev@student.fontys.nl](mailto:d.blagoev@student.fontys.nl) and weekly meetings.

## Factors which may influence the project

The only factor that may influence the project will be time. There might not be enough time to implement every feature requested or some features might require too much research before they can be implemented.

## Problem statement

The software solution focuses on two main problems: managing employees and keeping track of stock. The administration of the employees has the highest priority as the client requested. For the administration department the system is going to solve the problems with assigning work shifts, keeping track of attendance and adding and removing employees. The management department is currently not able to see an overview of the employees, stock, and detailed information about every employee, which is essential for every management team. The employees cannot adjust their working shifts and edit their personal information at the moment, which can cause misunderstandings in the working process. To summarize, the issues listed above can lead to misinformation, lack of coordination between the different departments, difficulties in the working processes and delays.

## Project goal

The final system will provide the needed means for the administration to manage the employees easily, for the managers - a clear and useful overview and statistics about stock and employees from which they can easily get valuable insights and make informed decision about the business. The employees will be able to view and edit their personal information if needed to keep everything up to date. Also, they will have the option to make changes into their working shifts without compromising the schedule or the working process. In conclusion we are aiming to develop a user-friendly, easily extensible, and sustainable administrative system for managing employees and stock in the hardware store.

## Deliverables x non-deliverables

Our team will deliver a working system which solves the problems mentioned during our meeting interview. Since our client was clear about his main concerns and priorities, we will focus on those. Priorities such as managing employees and managing stock. From these two, our client is choosing managing employees above managing stock.

Therefore, we will deliver a website for employees and an App for management. Each system differs in functionalities, authorizations and more (based on client's requirements mentioned in the first interview).

However, we must be realists and acknowledge that six weeks is not a long time. Besides, we would need more meetings and more consultations regarding specific problems. We can promise working solutions (Website, App), but we cannot promise automatization of scheduling shifts.

Our team will do its best to delight you with our a software solution.

## Project Constraints

The first product presentation has a hard deadline of week 6. It will consist of the team presenting the functionalities with the highest priority (managing employees and stock), which will come in the form of an application. The team’s focus will be on making the prioritised requirements fully functional and the visual quality of the product might suffer slightly, as it will be put in the background until most other things are fully working. The programming languages which will be used are: C# and SQL for the application’s logical processes, HTML and CSS for the visual representation of it. We suspect that no money will have to be spent on hardware as such problems can be taken care of by our university (ISSD). The project plan document will be finished by the end of the first week, the URS by the end of the second and from then up until week 6 we will be working on the implementation.

## Phase planning

The first two weeks of the project will be taken up by setting up the planning and needed documentation. The first week is for the project plan, the second is for the URS document. Afterwards, we will proceed with implementing the functionalities with the highest priority. Ideally, we will have weekly client meetings during which we will discuss the functionalities implemented throughout the week and the client can tell us what he/she thinks and give us the go/no-go on them so that we can finish the implementation or scrap it.