**Project Plan**

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## Introduction

**Media Bazaar** is a new hardware store funded by the parent company **Jupiter.** They are opening a new shop in Eindhoven and want to be as prepared as possible when it comes to keeping track of management and stocks. Because the administration is the backbone of that manages all aspects of the company, management would like to hire a team of software developers to implement an administrative system.

Client - *Mieke van Vucht* ([m.vanvucht@fontys.nl](mailto:m.vanvucht@fontys.nl))

* representing **Media Bazaar**

Company– **IBI Student Group**

* *Aleksandar Popov* ([a.popov@student.fontys.nl](mailto:a.popov@student.fontys.nl)) – Developer & Representative
* Velimir Vukašinović – Developer
* Cristina Sona – Developer
* Kaloyan Aleksiev – Developer

## Current situation

Currently there is no way to keep track of employees’ sales or see their schedule online. The client also needs a system to regulate the amount of stocks that get delivered to the shop. Calling in sick should also be an option for employees in the soon-to-be-opened Media Bazaar shop.

There is a large number of competitor companies working on a similar software.

**IBI Student Group** is not going to use any pre-existing system in order to complete the task – everything is going to be created from scratch and specifically following the client’s requirements.

## Problems to solve

* Creating employees’ schedules
* Managing departments, positions and salaries
* Regulating stocks and re-stocking the store on time
* Keeping track of each product’s sale rate
* Detailed information regarding each individual employee’s performance
* Statistics about sick days and attendance

## Project goal

The finalized product is going to be a piece of software that allows the user to keep track of employees and products, thus providing detailed information regarding sales, attendance and positions

## Deliverables

* Project Plan
* URS Document
* Design Wireframes
* Desktop Application
* Website
* Database

## Non-deliverables

* At this time, IBI’s software team cannot guarantee if the final product is going to include an attendance system with a card reader

## Constraints

* Limited time
* Programming language

## Phasing

Our project is going to follow the Waterfall methodology, therefore we are going to abide by the following phases:

1. Analysis phase (10.02.2020 – 19.02.2020) – during this phase we are going to come up with our Project Plan and the URS document, making sure that we are developing the exact product that our client wants
2. Design phase (20.02.2020 – 23.02.2020) – developing the class diagram, which we are going to follow in order to create the software
3. Implementation phase (24.02.2020 – 15.03.2020) – this is the phase in which we develop all of the code required for the system to function properly and according to the requirements
4. Testing phase (16.03.2020 – 22.03.2020) – we come up with a test plan, conduct unit tests and write a test report
5. Deployment phase (23.03.2020 – 27.03.2020) – finally, after finalizing the software, we will present the finished product to the client

## Gantt Chart