

Software Engineering Semester 2

MEDIA BAZZAR

Project Plan

September 2020

S-CB-S2-CMK Group 3



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Team information:

Project manager:

Roopali Gupta

Contact: r.gupta@fontys.nl

Team members:

Ebowusim, Michael (4050630)

Moonen, Luc (435115)

Osuntuyi, Michael (3870707)

Smirnov, Kirill (3775321)

Client Information:

Name: Rafayel Avetyan

Contact: r.avetyan@fontys.nl

Relation: Representative of Media Bazaar

Media Bazaar information: A hardware store “Media Bazaar” is opening their first shop in Eindhoven and will have multiple departments; it is a daughter company of Jupiter and they want to be as well-prepared as possible.

Current Situation:

Jupiter Administration is an infant company under the administration of Media Bazaar which engages in the selling and buying of hardware.

Currently, Jupiter Administration is about to get launched because they are a new shop, they would need a system to handle their daily transactions and overall management which would make them more prepared to go into the market. They require a software solution to make things easier and accurate.

At this moment the shop general focus is:

- Employing new personnel
- Removal of personnel from the company
- Selling stock
- Buying stock
- Assigning employees to their tasks

Problem Description:

There is currently no system in the Media Bazaar to manage the store. The main issue is lack of employee and stock management, but other problems such as customer memberships or seeing statistics of stock and employees may be required to be implemented later depending on the client's requests.

Project Goal:

The information below are what our goal is for the project assigned. They have been ranked in terms of priority. 'Must have' has the highest priority and 'Could have' has the least priority.

Must Have

- System will be a program for windows
- System will have the ability to view the schedule for the month for employees
- System will have the ability to view and edit employee information
- System will have the ability to edit departments
- System will have the ability to view the current stock and information about stock

Should have

- A website that enables employees log in, view and adjust personal information

Could have

- System will have the ability to show item that have been bought the most this month
- System will have the ability to show upcoming restock deliveries

Deliverables:

Our current project will last 6weeks, thus our deliverables regarding this project are:

- **Week 1** - A project plan which will cover the basic idea of the project, our plan on its creation and other details which are necessary before we start creating the software itself.
- **Week 6** - First version of the software containing the GUI (Graphical User Interface) and source code for software.

Non-Deliverables:

To avoid confusion, we made a list of 'Non-Deliverables'. These are products that we will not deliver or produce in this project. And thus, what you can't expect from our side.

- There won't be a training for employees for 'how to use the system'.
- There won't be hardware delivered with the system.
- We will not maintain the system after the final project deadline.
- The system will not be suitable for mobile use.

Constraints:

The project will have a few things out of our control which can greatly affect how the project is done and its quality.

Major constraints of this project are:

- 6 weeks' time to create the project.
- The scope of the project, as we have not worked on anything large before.
- Limitation to C# as our programming language of choice.

Phasing:

The Gantt chart provided by our team shows how we would handle each task and phase during the software development life cycle. It has been thoroughly reviewed ensuring we would be able to deliver during the predicted timeframes. The end of each phase has been indicated with a milestone, thus giving us the opportunity to review our current progress with our client.

We would be working at every interval shown in the chart, each bar shows how our tasks have been resolved over time, thus enabling us to have a good overview of our progress.

Explanation:

Blue: Documentation

Green: Overall Programming Time

Orange: Basic Programming Idea

Red: Sub-Category of Orange (What happens in detail)

Yellow: Final Presentation

