



Group Name: Artichoke

Project Plan: Waterfall

Members:

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Introduction

The company Media Bazaar is a hardware retail company that is planning to open a shop in Eindhoven. The company is wanting to avoid management problems in keeping track of their product and employees. The purpose of this document is to present the problems that have been identified by the Artichoke team of developers and the solutions that will be created to address them.

Client

Our client is Rafayel Avetyan. Our client represents Media Bazaar, a daughter company of Jupiter who is planning to open their first shop in Eindhoven to sell hardware.

Team

- Our team consists of:
 - Boaz Goldsteen - Front-end developer
 - David La Gordt Dillie - SQL specialist
 - Sebastian - Back-End developer
 - Mary Joseph - Front-end developer
- The representative for our group is Sebastian.
- Our group representative can be contacted at s.bokkestijngrandez@student.fontys.nl

Current situation

Currently at Media Bazaar they have a very unreliable system which consists of excel sheets and online calendars for employee scheduling. Due to a detail oriented documentation system, it is difficult to have a simplistic method to schedule the employees and no easy way to request an action from the different departments within the store.

Further, the company has communication issues between its different departments, due to lack of reliable communication channel. This has resulted in sustainability problems in restocking.

Problem description

In this project, Artichoke Developers, are looking into problems that a Media Bazaar company is facing. The company owns different shops that deal with selling hardware. The latest of its outlets is scheduled to be opened in Eindhoven.

However, Media Bazaar has foreseen a big challenge in the operations of its new outlet.

The company has no proper way of scheduling employees and for employees to see their own timetables. The client also does not have a simple way of communicating restock requests between departments.

Moreover, another problem at hand is the lack of a proper communication channel between its different departments.

These problems therefore provide us with an opportunity to provide a software solution that can help the company fix all these problems.

Project goal

- The team will deliver a software solution for employee and stock management to Media Bazaar in six weeks
- Every week a functionality of the project will be delivered and/or updated
- The Artichoke team has the necessary front end and back-end knowledge develop the application
- The goal is reachable within the software company's time and resource
- By the end of week 6 the team would have delivered a solution to the clientMedia Bazaar

Deliverables

- C# Desktop application
- UML Diagram
- URS

Non-deliverables

- User manual
- User training
- Mobile Application

Constraints:

- The language to develop the backend of the application will be c#.
- The time limit for the deliverables is 6 weeks

Phasing

1.Week One Project activities

During the first week ,We as Group 2 have planned and spread our activities in various stages so as to ensure we launch and kick start our project preparations in best way possible.

First we have sought and resolved to work as a group, and taken a considerable amount of time to understand the project problem(Client requirements) and explored possible ways to offer the solution.

Below is a preview of how the preparations stage of the project activities are spread in the first week

Figure 1: Week one activities

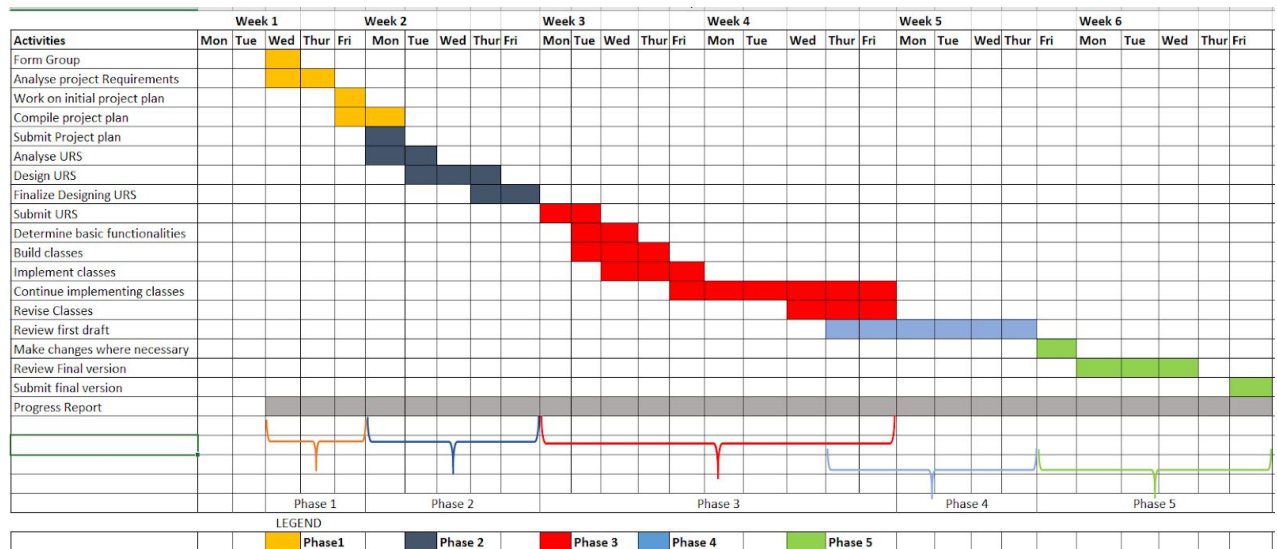
	WEEK 1				
Date	31/08/2020	01/09/2020	02/09/2020	03/09/2020	04/09/2020
Activities Done	Monday	Tuesday	Wednesday	Thursday	Friday
Form Group					
Analyse project requirements					
Met Our Client&Tutor					
Individual project tasks					
	Legend				
		Day 1			
		Day 2			
		Day 3			

2. Project Phases

Having understood the background of the client problem and the possible solution we can offer,

We have laid out a six week plan, divided in phases as shown below.

Figure 2: Phases for the project



Signature

Client signature

Artichoke Representative signature