Project Plan

Version 1.1

Table of Contents

1. Preface

1.1 Introduction
You are working for the application and media development department of an IT company. This company is hired to develop a reservation website for **Hotel California**. The website will replace the full paper administration of the reservation desk.

1.2 Hotel California
The company is **Hotel California**. They are a Dutch hotel company that wants to improve their quality and make their customers leave with a big smile. Since they are still using full paper administration for reservations, they wanted to make it faster and easier for both customers and the hotel itself. The hotel keeper has been in the hotel business for 20 years and seen many hotels switch over to an automatic reserving method which has been a success most times.

1.3 The Project
The hotelkeeper wants to use the HTTP protocol for all subsystems and wants the system to be created with PHP and MySQL. For maintenance and future development, he wants you to do the analysis and design using object-oriented methods and case tools and the build to be truly object-oriented.

2. Objective
The main purpose of creating this website is to speed up the time it takes for each customer to book and pay for their room. As for learning, it is to improve on your knowledge of Object-Orientated PHP and SQL. And to show what you have learned during this year as AMO students.

3. Team
This project will be built by just me. I will make this website alone with no help from others and finish this project within the assigned deadline.

4. Necessities
As for my necessities, I will need a couple of applications:

- Visual Studio Code, for editing code.
- XAMPP, as my local server and database environment.
- GitHub, to synchronize my work online and view my progress.
- Adobe Photoshop, to edit images.
- Adobe Illustrator, to create vectors.
- Google Chrome, to test my (web)application and research.
- Draw.io, to create UML diagrams.
- Bootstrap Studio, to create the user interface of the website.

5. To-Do List
- Create Statement of Requirements.
- Create Functional Design.
- Create Technical Design.
- Create a Project Plan.
- Create a Database.
- Create a Logo.
- Make the Backend of the reservation system.
- Create the User Interface of the website.
- Test the Reservation System.
- Test the Website.
- Create a Test Report.
- Optimize the website and reservation system for Hotel California.

6. Schedule

Week 1
From 20 April till 26 April. I will complete **Statement of Requirements**. This means that I will be writing the document for Statement of Requirements.

Additional: Research hotel websites and other miscellaneous stuff.

Week 2
From 27 April till 3 May. I will complete **Functional Design**, **Technical Design**, and Project Plan. This means that I will be writing the documents for Functional Design, Technical Design, and Project Plan.

Week 3
From 4 May till 10 May. I will learn to program in **Object-Orientated PHP**. This means that I will research, learn to code, and know the basic to program in Object-Orientated PHP.

Week 4
From 11 May till 17 May. I will start programming the **Backend** of the reservation system. This means that I will be setting up the database and begin creating the reservation system for Hotel California.

Week 5
From 18 may till 24 May. I will continue programming the **Backend** of the reservation system. This means that I will be continuing where I left off last time and get more progress done.

Additional: Create wireframes for the user interface.

Week 6
From 25 May till 31 May. I will continue programming the **Backend** of the reservation system. This means that I will be continuing where I left off last time and get more progress done.

Additional: Make a test report to use for later.

Week 7
From 1 June till 7 June. I will finish programming the **Backend** of the reservation system. This means that the reservation system of the website is fully ready and you can book a room.

Week 8
From 8 June till 14 June. I will start programming the **Frontend** of the website. This means that I will be creating the user interface of the website, I will make some wireframes and after that execute my design for the website.

Week 9
From 15 June till 21 June. I will finish programming the **Frontend** of the website. This means that the user interface of the website is finished and it is ready for the testing phase.

Week 10
From 22 June till 26 June. I will be **testing** and **optimizing** the website. This means that I will test the entire website and fixing bugs if necessary.

Additional: Clean up code and add commentary.

7. Copyright