Plan of Action

Version 1.0.

Hotel California

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1.Introduction

This document is being made for the Hotel California company. Hotel California provides the best rooms for all visitors and is considered as an approval for the hotel industry. In this document there will be explaining about the objectives, stakeholders, necessities, to do list, planning, risk analysis and project boundaries.

2.Objectives

The Hotel California website primarily requires a reservation system which will be provided by us (the programmers). Furthermore, the company is tasking us to provide:

1. Room administration subsystem:
   a. The hotelkeeper must be able to add the category of rooms available in the system.
   b. The hotelkeeper must be able to see a room plan with the location of the rooms.
   c. In the room plan the hotelkeeper must be able to assign the category that the room belongs to.
   d. The hotelkeeper must be able to print a list of rooms and the category they belong to.
2. The pricing Subsystem:
   a. The reservation desk must be able to assign a room price for the one of the 3 categories of rooms (family, single, double rooms) for a period of time or a certain day of the year. The pricing system must be completely filled in, at least 3 months in advance.
   b. The reservation desk must be able retrieve a list of room prices per day. They must be able to print this list.

3. The web reservation system:
   a. Web visitors must be able to see the available categories of rooms and the prices for those categories from a certain start- to an end date. When the prices differ during the period, it is also showed on the website. Per room category the visitor will see some photos on the website and a video in an appropriate web format. The visitor will also see the amount of rooms available per category.
   b. The web visitor must be able to make a reservation. While making the reservation the visitor must be able to enter his name, first name, home address, city, country, telephone number and email address. After entering the reservation the visitor will receive a confirmation email that will include the invoice.
   c. The hotelkeeper must be able to see and print a list of occupied and reserved rooms within a certain period.

4. The front desk system:
   a. The front desk must be able to print a list of room prices for a week.
   b. The front desk must be able to see all unoccupied and the amount of "not reserved" (vacant) rooms on a certain day per category.
   c. The front desk must be able to register a guest as an occupant of a room.
   d. The front desk must be able to see if the room is prepaid or post-paid.
   e. In case of post-paid rooms the front desk must be able to print an invoice for the room rent (fee) that is due.

3.Stakeholders

This project will be made by one programmer. The programmer:

- (Aron Dosti).

Furthermore, there will be classmates and teachers aiding me. The teachers who will be aiding me with the project are:

- Dhr. D.Verhage
- Dhr. P.Hollenberg
- Dhr. A.Overbeek.

4.Necessities

For this project there will be requirements. The requirements for making the website are:

- Code editor (Visual studio code)

- PHP (and OOP), CSS and HTML (programming languages)

- Laptop (the project will be done on a Lenovo laptop)

5.To do list

A lot of tasks will have to be done. Here are all the tasks:

- Documents:
- Program requirements
- Functional design
- Technical design
- Test report
- Test plan

- Coding:
- PHP code for Back end
- HTML code for front end
- SCSS (CSS) for front end
- Create a Database

- Design:
- Wireframes
- UML
- ERD
- Website design
- Logo

- Other:
- Testing the website
- Validating the code by W3C validator

6.Planning

Week 1	Document (On this week the Focus will be on the **Program requirements document**. This document will be done by the end of this week.)
Week 2	Document (On this week there will be focus on the **Functional design document**. This document will be done by the end of this week.)
Week 3	Document (On this week there will be focus on the **Plan of Action document** and the **Technical design document**. These documents will be done by this end of the week.)
Week 4	Coding and Database (This week will be the beginning of Coding the Homepage as front end. Furthermore, the database will be completely finished by the end of this week.)
Week 5	Coding (On this week there will still be some Front end but it will also be the start of back end. Starting with the login page. This will be finished by the end of this week)
Week 6	Coding (On this week there will still be some front end for the other pages but there will also be back end for the

	beginning of the functions for the admin panel. This will be finished by the end of this week)
Week 7	Coding (On this week there will be the beginning of back end for the Reservation system and other functions.)
Week 8	Coding (On this week the front end will be made completely finished and the reservation system and other functions will be functional and working.)
Week 9	Testing and Validating (The code used on this website will be tested for issue control and the code will be validated to check for errors. The Test report will also be made on this week.)
Week 10	Reparation week (There will still be some changes possible on this week. Keep an eye on the Versions of the documents and the changes on the website.)

7.Risk analysis

The possible risk I might run on this project is that the reservation system will need to require a lot of options for the booking method. These issues might get resolved.

8.Project boundaries

*This project will only be used for learning purposes and the Hotel owner's wishes will be granted.

9.Version control

Version	Date modified
1.0	30/05/2020