Information needs Report

Hotel California

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# 1 Summary

## 1.1 Summary for the Customer

This document includes all reports about the phases of the information needs of project Hotel California. All main components, conclusions and recommendations are processed in this overview, with possible references to separate extensive documents that have been prepared during this phase.

## 1.2 Version Management

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Status** | **Date** | **Author** | **Changes** |
| 0.1 | X | 24/04/2018 | Miguel | Start Information needs |
| 0.1.1 | x | 24/04/2018 | Miguel & Noura | Translate document from Dutch to English  Added text and some minor changes |
| 0.2 | X | 26/05/2018 | Noura & Miguel | Some minor changes. |
| 0.3 | X | 08/05/2018 | Noura & Miguel | Minor Changes |
| **1.0** | X | 08/05/2018 | Everyone | Minor Changes, Checking for errors |

## 1.3 Distribution List

This document will be made available to:

Anton Prajo - Teacher

Hachmi El Hannay - Teacher

Jeffrey Grüne - Teacher

# 2. Preface

## 2.1. Goal

The goal for this ALA is that the customers, front desk and hotelkeeper will be able to do their jobs easier and more efficiently.

## 2.2. Organization

We 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. This website will replace the full paper administration of the reservation desk.

This website will be used by the front desk, customers and the hotelkeeper. With the functions of this website, these people will end up being able to do the things that they have to easily.

## 2.3 Technical Aspects

With this website reservation on paper will become obsolete. Online reservation system and the online management system will simplify and make the process of making a reservation easier for the customer and for the employee manage it.

# 3. Plan of action

The project team exists out of 6 members. With this project we’re using Trello, Github and an online development environment and Atom as code editor to edit codes together and Phpstorm for individual use. We’re also using a scraper to collect images and video’s. For the documentation we’re using Microsoft word’s “.docx” file We’re using the S.C.R.U.M method to keep the team up to date to possible changes.

# 4. Siteplan Examined Area

***MoSCoW Method***

**Room Administration system**

1. *Must have*
   1. The hotelkeeper must be able to add the category of rooms available in the system.
   2. The hotelkeeper must be able to see a room plan with the location of the rooms.
   3. In the room plan the hotelkeeper must be able to assign the category that the room belongs to.
   4. The hotelkeeper must be able to print out a list of rooms and the category they belong to.
2. *Should have*
   1. The hotelkeeper should be able to remove a reservation.
3. *Could have*
   1. Check which rooms are available as a customer.
   2. Hotelkeeper can add a new category
4. *Will not have*
   1. A Fancy GUI

**Pricing subsystem**

1. *Must have*
   1. The reservation desk should be able to give a price to a category that is temporary or for a specific day of the year. The pricing subsystem should be completely filled 3 months in advance.
   2. The reservation desk should be able to view a list with room prices per day and be able to print them out.
   3. Pricing will be in Euro's
   4. A way to pay
2. *Should have*
   1. Multiple payment options
   2. A email about the reservation if it was pre-paid
3. *Could have*
   1. Pricing in Dollars and other currencies
   2. A detailed email about how the room is and what it all has

**Web reservation system**

1. *Must have*
   1. Customers should be able to view the available room categories with the prices for those categories within a certain period of time. When the prices are different within a certain period of time this will be displayed on the website.
   2. Per category the customer shall come across photos and videos on the right web-format.
   3. Customers can see how many rooms are available per category
   4. When the customer makes a reservation he has to fill in the following information:
      * Name
      * Address
      * City
      * Country
      * Phone number
      * E-mail address
   5. After filling in the form, the customer will receive a verification e-mail with a bill.
   6. Staff must be able to print out a list with occupied and available rooms.
2. *Should have*
   1. Multipule of the same reservation's
3. *Could have*
   1. The option to view the site in different languages other than English.
   2. Mobile reservations
4. *Will not have*
   1. An alert system

**Front desk system**

1. *Must have*
   1. The front desk must be able to print out the current room prices per week.
   2. The front desk must be able to view all available rooms on a certain day of a certain category.
   3. The front desk must be able to register a guest as customer for a room.
   4. The front desk must be able to see if a certain room has been paid for already or still has to be paid for.
   5. In case of post-payment, the front desk must be able to print out an invoice.

# 5. Information Architecture

The new system will be a website with a reservation system, (etc) included. We will be using PHP, HTML and CSS. We will be using PhpStorm as code editor.

# 6 Plan of Action

## 6.1 Products to be handed in

When the project is finished we will hand in the following products:

* The Information needs
* The Functional Design
* The Technical Design
* The Website
* Test Report

## 6.2 Schedule

De verschillende fasen in combinatie met de data wanneer ze opgeleverd worden vormen je planning. Uiteindelijk moet je hierin kunnen lezen wanneer je van de ene fase in de andere beland.

## 6.3 Required resources

For this project the following is required: a laptop with Windows/Linux/Mac OS, a working code editor, Microsoft Office Word, XAMPP and a working internet connection.

There are no required expenses because this is an ALA.