Hotel Reservation

Vision

Version 1.0

Revision History

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Vision

# Introduction

This application allows users to book hotel rooms from their iOS phones. The user can view and check the various rooms available and book them using online payment. The application also allows users to select additional facilities like jacuzzi, swimming, and meals. The app then calculates the total cost of the booking. Once the user makes the payment, the app provides an online receipt to the user in the form of an email. When selecting rooms, only the rooms that are available will be shown to the user. Once the user completes the payment of their booking, and admin is notified with the details of the booking. When the user visits the hotel, they must show their receipt for the booking. This application requires a smartphone connected to the Internet.

## Purpose

The purpose of this document is to collect, analyze, and define high-level needs and features of the Hotel Reservation Android app. it focuses on the capabilities needed by the stakeholders and the target users, and **why** these needs exist.

## Scope

This Vision Document applies to the Hotel Reservation iOS app. The Hotel Reservation iOS app will be developed to work on the iOS platform. The Hotel Reservation iOS app will provide a way for users to easily book hotel rooms and additional facilities anytime and from anywhere, and will generate a receipt for both the user and the admin.

## Definitions, Acronyms, and Abbreviations

* iOS: a mobile operating system developed by Apple, designed primarily for touchscreen mobile devices such as smartphones and tablets
* Admin: the person responsible for the upkeep, configuration, and reliable operation of the system

## References

This document refers to the following documents:

* + Hotel Reservation Use Case.doc
  + Hotel Reservation Glossary.doc
  + Bibliography

## Overview

The rest of the document will describe the problem statement and product position statement, stakeholder and user descriptions, and product requirements

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | traditional booking of rooms in a hotel |
| affects | hotel owners and customers |
| the impact of which is | reduced profits for hotel owners and customer dissatisfaction |
| a successful solution would be | the use of a mobile app to allow customers to easily see all available rooms and quickly make a payment on their booking |

## Product Position Statement

|  |  |
| --- | --- |
| For | travelers |
| Who | have difficulty in booking rooms and choosing accomodations |
| The (product name) | is a mobile application |
| That | allows users to see all available rooms in the hotel and book their preferred room with additional facilities, anytime, anywhere |
| Unlike | calling the hotel to check if they have available rooms |
| Our product | allows users to book rooms anytime, anywhere, and without the need of a human operator on the hotel side |

# Stakeholder and User Descriptions

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Project Developer | This stakeholder is responsible for developing the application | This stakeholder is responsible for the overall architecture of the system, and guides the overall design and implementation of the system |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| User | This is the primary end user of the system | This user uses the application to book rooms and select additional facilities | Self |
| Admin | This user is an end user of the system | This user is responsible for the upkeep of the application and for managing the bookings made | Self |

## User Environment

The Hotel Reservation iOS app will be used by users when:

* they want to book a room
* they want to view available rooms
* they want to view their bookings

Through the Hotel Reservation iOS app, users will:

* book rooms
* provide proof of payment

The Hotel Reservation iOS app will notify the admin when:

* a user has made a booking

The Hotel Reservation iOS app is in use for iOS. There are no future platforms planned.

The Hotel Reservation iOS app is a standalone application and does not require other applications to run.

# Product Requirements

The Hotel Reservation iOS app must run on an iOS based device. The application requires access to an Internet connection. The iOS device on which the application will be used must run the minimum OS version required to use the App Store.