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Hotel Reservation Android
Vision

Version 1.0

Revision History

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Vision

1.Introduction

*[The purpose of this document is to collect, analyze, and define high-level needs and features of the <<System Name>>. It focuses on the capabilities needed by the stakeholders and the target users, and **why** these needs exist. The details of how the <<System Name>> fulfills these needs are detailed in the use-case and supplementary specifications.]*

*[The introduction of the **Vision** document provides an overview of the entire document. It includes the purpose, scope, definitions, acronyms, abbreviations, references, and overview of this **Vision** document.]*

This application allows users to book hotel rooms from their Android 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.

1.1.Purpose

*[Specify the purpose of this **Vision** document.]*

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.

1.2.Scope

*[A brief description of the scope of this **Vision** document; what Project(s) it is associated with and anything else that is affected or influenced by this document.]*

This Vision Document applies to the Hotel Reservation Android app. The Hotel Reservation Android app will be developed to work on the Android platform. The Hotel Reservation Android 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.

1.3.Definitions, Acronyms, and Abbreviations

*[This subsection provides the definitions of all terms, acronyms, and abbreviations required to properly interpret the **Vision** document. This information may be provided by reference to the project's Glossary.]*

- Android: a mobile operating system developed by Google, 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

1.4.References

*[This subsection provides a complete list of all documents referenced elsewhere in the **Vision** document. Identify each document by title, report number if applicable, date, and publishing organization. Specify the sources from which the references can be obtained. This information may be provided by reference to an appendix or to another document.]*

1.5.Overview

*[This subsection describes what the rest of the **Vision** document contains and explains how the document is organized.]*

2.Positioning

2.1.Problem Statement

[Provide a statement summarizing the problem being solved by this project. The following format may be used:]

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

2.2.Product Position Statement

[Provide an overall statement summarizing, at the highest level, the unique position the product intends to fill in the marketplace. The following format may be used:]

For	travelers
Who	have difficulty in booking rooms and choosing accommodations
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

[A product position statement communicates the intent of the application and the importance of the project to all concerned personnel.]

3.Stakeholder and User Descriptions

[To effectively provide products and services that meet your stakeholders' and users' real needs, it is necessary to identify and involve all of the stakeholders as part of the Requirements Modeling process. You must also identify the users of the system and ensure that the stakeholder community adequately represents them. This section provides a profile of the stakeholders and users involved in the project, and the key problems that they perceive to be addressed by the proposed solution. It does not describe their specific requests or requirements as these are captured in a separate stakeholder requests artifact. Instead, it provides the background and justification for why the requirements are needed.]

3.1.Stakeholder Summary

[There are a number of stakeholders with an interest in the development and not all of them are end users. Present a summary list of these non-user stakeholders. (The users are summarized in section 3.2.)]

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

3.2.User Summary

[Present a summary list of all identified users.]

Name	Description	Responsibilities	Stakeholder
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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

3.3.User Environment

[Detail the working environment of the target user. Here are some suggestions:

Number of people involved in completing the task? Is this changing?

How long is a task cycle? Amount of time spent in each activity? Is this changing?

Any unique environmental constraints: mobile, outdoors, in-flight, and so on?

Which systems/platforms are in use today? Future platforms?

What other applications are in use? Does your application need to integrate with them?

]

The Hotel Reservation Android 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 Android app, users will:

- book rooms
- pay bookings using online payments
- provide proof of payment

The Hotel Reservation Android app will be used by the admin when:

- a user has made a booking
- checking a booking made by the user

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

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

4.Product Requirements

[At a high level, list applicable standards, hardware or platform requirements, performance requirements, and environmental requirements.]

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