Business Requirements Document (BRD)

Marriot Hotel Booking Application

Feb 2020

Version 1.00

Prepared By,

Suman Bhandari

1   Document Revisions

Date	Version Number	Document Changes
16/02/2020	1.0	Initial Draft

2   Approvals

Role	Name	Title	Signature	Date
Project Sponsor	Neeraj Goyal	Senior Vice President		16-02-2020
Business Owner				
Project Manager	Sai kiran	Project Manager		16-02-2020
System Architect	Mr. Gopal	Product Architect		16-02-2020
Development Lead	Ashutosh	Lead Engineer		16-02-2020
User Experience Lead	Ayush Dubey	UI/UX Lead		16-02-2020
Quality Lead	Sajal Brijwasi	Lead QA		16-02-2020
Content Lead	Lakshay Mallik	Content Lead		16-02-2020

3 Introduction

3.1 Project Summary

3.1.1 Objectives

One major Challenge in Hotel Booking application of Marriot is reservations disappearing to problems combining accounts.The hotel booking system will aid to overcome the loss of data either it be of customer or staff. Customer accommodation or allocation of specific rooms, room reservation and personal staff management.

Before Marriot uses manual methods for customer registration and allocation and record keeping by filling up the forms provided by the hotel staff and then filled form are kept in files and folder. For Hotel staff to know which rooms are free and available they would have to check through various files or keys and this system is a bit cumbersome and even more so for a business that is trying to expand.

The Document is meant to delineate the features of Hotel booking app and to serve as guide to a developer on one hand and software validation document for the prospective client.

- Deliver a Widget Interactive Naming System (WINS) that synchronizes naming and linking of all widgets in all systems across the enterprise.
- Avoid duplication of widget names and reduce time to production for existing projects.
- Support text searching on widget names or business descriptions.
- Sync widget names and changes to Windows and Linux platform administration tools.
- Tracks changes to widgets including new widgets, modified widgets, and widgets to be archived.

3.1.2 Background

This document defines the high-level requirements of App Development for Marriott. It will be used as the basis for the following activities:

- Creating solution designs

- Developing test plans, test scripts, and test cases

- Determining project completion

- Assessing project success

3.1.2.1 Business Drivers

- Customers are looking for faster updates to information on the [product] , and may consider competitors if needs are not met.
- Development groups require a scalable solution to track the widgets being deployed into all environments to better manage resources.

- **Project Scope**

The project manager responsible for ensuring on-schedule delivery of the app will need to establish a project timeline, set project goals and allocate project resources. The project shall be completed by 6 months of final draft of PRD. He should communicate both project objectives and project scope to their team of developers and engineers.

App creators should have a project manager who defines, optimizes, and communicates:

4   Project objectives

5   Goals

6   Sub-phases

7   Tasks

8   Resources

9   Budget

10   Schedule

10.1.1 In Scope Functionality
- Create name records database
- Ability to create/delete roles
- Booking calendar

10.1.2 Out of Scope Functionality
- Web check-in
- Geo location
- Multi linguistic and multi-currency support

10.1.3 Assumptions
- First lunch of software to be completed by Q1.
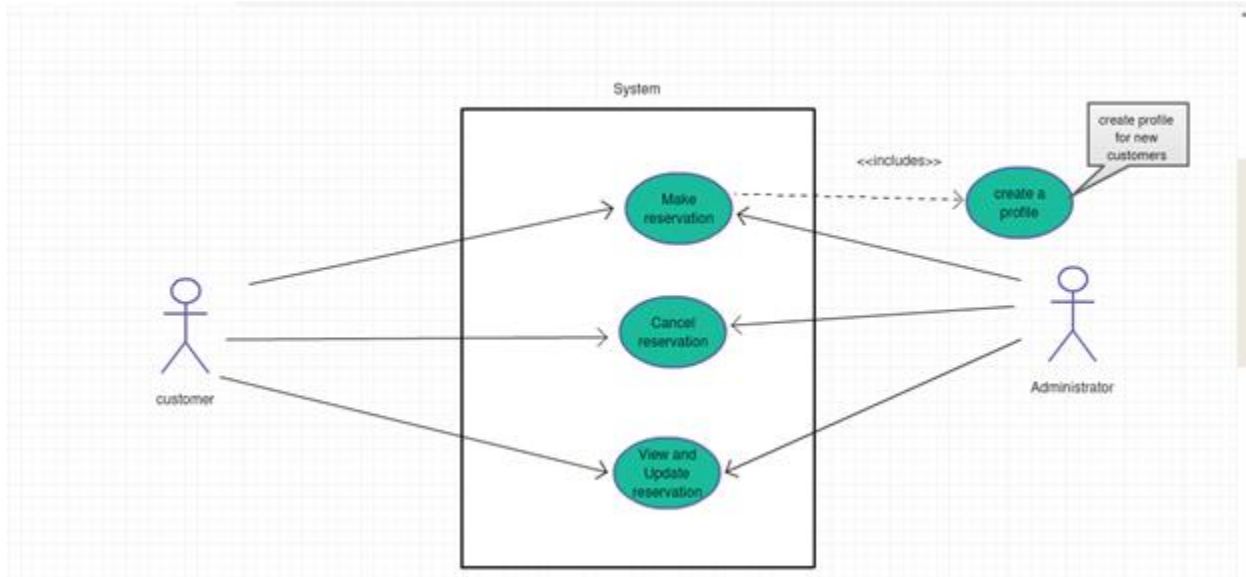- Testing data comprises scrubbed production data as of May 30.
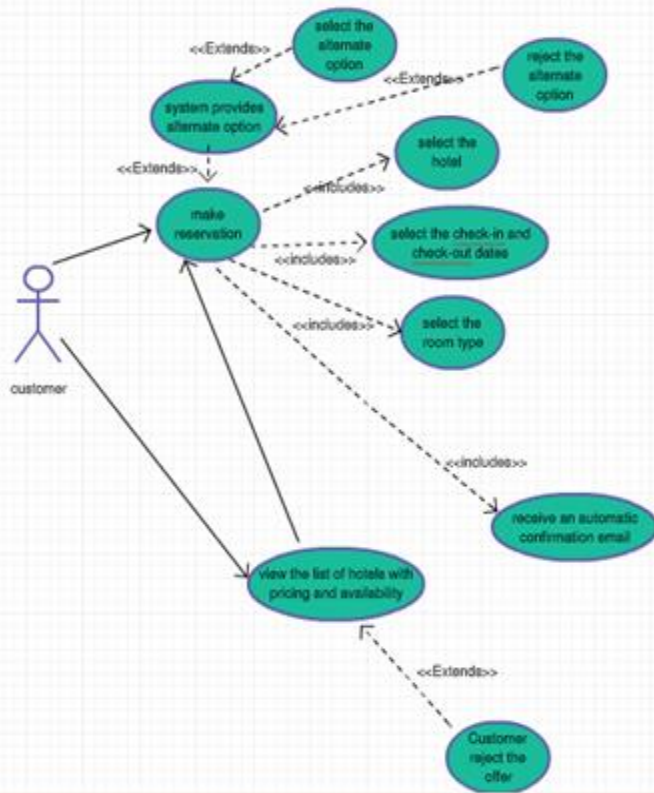
10.1.4 Constraints
- Impending changes to privacy regulations may impact data dictionary design.
- Timeline for platform updates will impact execution of testing plans.
- Roles and Tasks are predefined
- Admin is already created in system.

10.1.5 Risks

- Previously approved Q2/Q3 development projects may limit availability of development and QA resources, necessitating outsourcing or additional budget requisitions to meet the anticipated timeline.
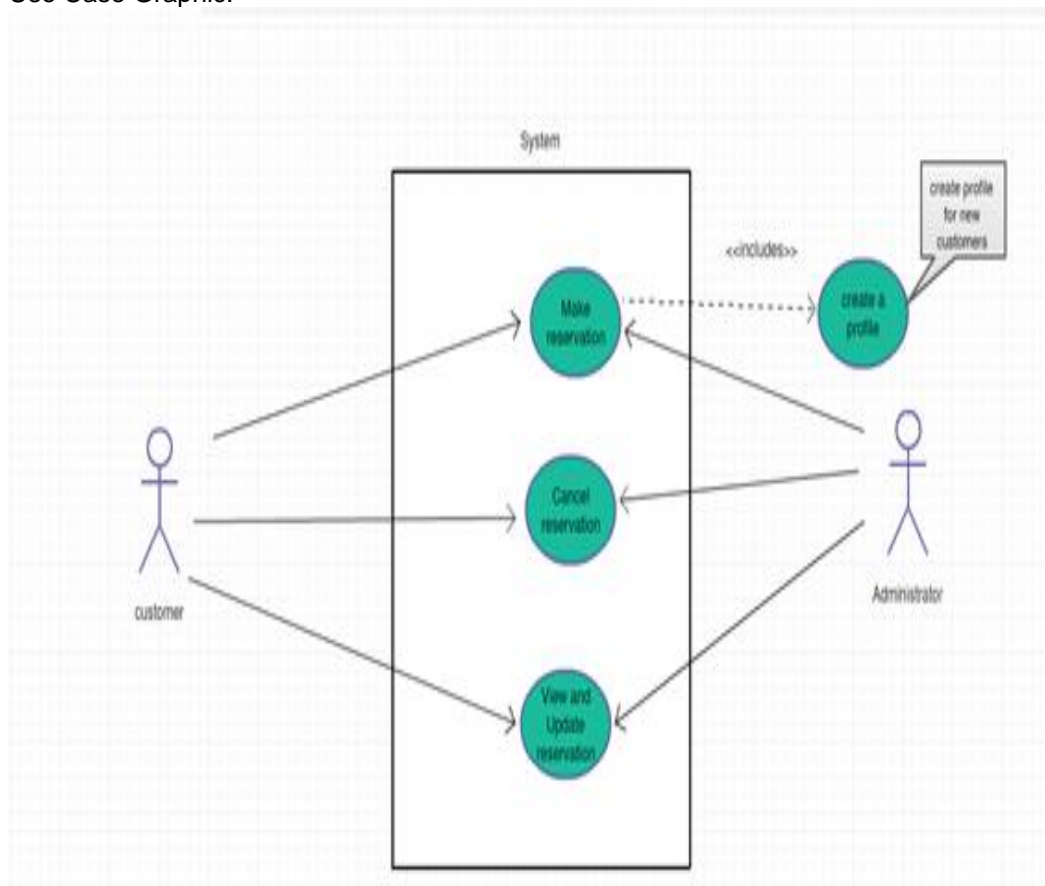 -

- ## 10.1.6 Use case

1. Use case Narrative

Use Case ID:	001		
Use Case Name:	Online Hotel Booking		
Created By:	Suman Bhandari	Last Updated By:	
Date Created:	14/02/2020	Date Last Updated:	

Actors:	Customer , Admin
Description:	This use case describes the main way this software will be used for booking Hotel . The user accesses the appropriate URL and interacts with the functionality made available.
Preconditions:	Downloaded software and Sign up in Application, and interactive dashboard to fill details will be pop up.
Postconditions:	User navigates from interactive Dashboard as per requirement.
Normal Course:	Open APP. Navigate to Dashboard. Interact with app using necessary functionality.

Alternative Courses:	None
Priority:	High
Special Requirements:	● 24/7 access ● Response times comparable to top Hotel booking app.

Use Case Graphic:

● Business Requirements

The requirements in this document are prioritized as follows:

Value	Rating	Description
1	Critical	This requirement is critical to the success of the project. The project will not be possible without this requirement.
2	High	This requirement is high priority, but the project can be implemented at a bare minimum without this requirement.
3	Medium	This requirement is somewhat important, as it provides some value but the project can proceed without it.
4	Low	This is a low priority requirement, or a "nice to have" feature, if time and cost allow it.
5	Future	This requirement is out of scope for this project, and has been included here for a possible future release.

10.2 Functional Requirements

Req#	Priority	Description	Rationale	Use Case Reference
General / Base Functionality				
FR-G-001	1	A new Master repository shall be created with the name records.	Single repository simplifies management of app development across different development teams	
FR-G-002	1	A widget shall be defined in the repository via a unique identifier and name combination.	ID+Name eliminates duplicate widget name records	
FR-G-003				

FR-G-004				
FR-G-005				

Security Requirements

FR-S-001	1	Widget creation in the repository shall be limited to users with Team Lead or System Administrator,		

Reporting Requirements

FR-R-001	2	The system shall be able to generate weekly monthly and yearly booking status.		

Usability Requirements

FR-U-001	1	User interface for the shall be responsive, allowing for proper display on tablet, and different devices.		

Audit Requirements

FR-A-001	1	Any change to a record shall be appended with user ID and date/time stamp.		

10.3 Non-Functional Requirements

ID	Requirement
NFR-001	The Sever shall accommodate up to 100 users concurrently.
NFR-002	when Application is made to start up it shouldn't take more than 3 second to load initial screen
NFR-003	when the user data(caches , stored data etc) increases app should be capable of handling them without delay b[...] storage is done and accessed
NFR-004	All authentication token should be saved on local device for comparison and need user permission to gain acce[...]
NFR-005	Availability in Apple's App Store and Google's Play Store