# BOOK ME SDD

#### 1 - Introduction

## 1.1 Purpose

This software design document provides the design details of various places and hotels available.

The expected audience is places site including hotel managers, customer(hotel guests) and admin system.

#### 1.2 scope

This document contains a complete description of the design of book me Will have full access to make changes as he/she deems necessary.

The changes could included but not limited to changing the survey question, data collected on each human.

#### 1.3 overview

The Software Design Document is divided into 9 sections with various subsections. The sections of the Software Design Document are:

- 1)Functional requirements
- 2) Nonfunctional requirements
- 3)Block diagram
- 4)Use case diagram
- 5)Class diagram
- 6) Database tables
- 7)Sequence diagram
- 8) Activity diagram
- 9)Tractability matrix

#### 1.4 reference material

http://robotics.ee.uwa.edu.au/courses/design/examples/example\_design.pdf

https://www.slideshare.net/peny mg/sdd-software-des-sample?qid=f552683d-7b98-4303-bba4-557724a9a35a&v=&b=&from search=6

## 2 - System Overview:

## Send request:-

the hotel manager must send request to be able to join the website and to be able to drag information about his hotel, add offer, delete offer, add map or any other data.

## Add places:-

admin will drag information about places that the customer can visit it.

## Add map:-

the admin can attach a map with the places description to make it easy for the user to reach his destination.

## Add hotel manager:-

the admin can add hotel managers to the system to help the customers to find hotels near to the places that they are going to visit.

#### Edit offer :-

after the hotel manager is added to the website he will be able to edit the offers of his hotel.

#### Delete offer :-

it is one of the abilities of the hotel manager after being added to the site.

#### Access:-

the admin can reject or access the request of any hotel manager to join the website after making sure of his information.

#### Delete hotel manager:-

the admin can delete any hotel manager from the system if he make any thing Illegal or out of the scope of the system .

#### Log in :-

user must log in to the website by entering his user name and password to be able to reserve any offer.

#### Edit profile :-

user must be able to edit his information.

## View profile:-

this function is available for all the actors in the system you will be able to See your information any time.

#### Reserve:-

the customer can search about the offers in the home page and reserve a suitable offer.

Cancel reservation:-

the customer will be able to cancel his reservation any time.

Add photo:-

the hotel manager can add photos to his offer to attract the customers.

Logout:-

this action is for all actors in the system.

Registration:-

customers and hotel manager can fill a registration form to join the system.

#### Report:-

after reserving an offer the customer will be able to write a report About his the service and about the places he had visited.

#### Search:-

any actor in the system can search about any data in the system.

## Pay:-

the customer will be able to choose the way of payment.

## Receipt:-

the customer will receive a receipt instantly after payment.

#### Delete customer:-

the admin is able to delete any customer any time.

#### Add offer:-

the hotel manager is able to add offers but it should be in the scope of the system.

## 6 - human interface design :

## Send request:-

The hotel manager must send request to be able to join the website and to be able to drag information about his hotel, add offer, delete offer, add map or any other data.

#### Edit Offer :-

After the hotel manager is added to the website he will be able to edit the offers of his hotel.

#### Delete Offer :-

It is one of the abilities of the hotel manager after being added to the site.

## Log In :-

User must log in to the website by entering his user name and password to be able to reserve any offer.

Edit Profile :-

User must be able to edit his information.

## 7-Requirement Matrix :

Α	В	C	D	Е	F	G	Н		J	K	L	М	N	0	Р	Q	R	S	T	U	V	W
	log in	log out	search	reserve	report	view profile	edit profile	cancel reservation	add photo	delete customer	pay	receipt	access	add hotel manager	delete hotel manager	registration	send request	add offer	delete offer	add map	edit offer	add places
	X																					
	X	X																				
earch			X																			
eserve	X		X	X																		
eport	X		X	X	X																	
	X					X										X						
	X						X									X						
	X		X	X				X														
	Χ								x					X		X						
										X						X						
			X	X							X					X						
												X				X						
•	_												X			X	X	X				
														X		X						
														X	X							
														_								
	X													-		X						
													X	X				X				
														X				X	X			
	_												^	X						X		
														X		X	X				X	
																						X
au piaces	٨																					
	eg in eg out earch eserve export ew profile dit profile ancel reservation dd photo elete customer eay eccipt ccess dd hotel manager	log in g in g out x g out x g out x groth serve x export x ew profile x dit profile x ancel reservation x dd photo X elete customer x ay x eceipt x ccess x dd hotel manager x elete hotel manager x elete hotel manager x dd offer x dd offer x dd map x dd map x dd map x	log in log out gin x x x x x x x x x x x x x x x x x x x	log in log out search g out x x gout x x search x serve x x export x x ew profile x dit profile x ancel reservation x dd photo X elete customer x ay x x secipt x ceess x dd hotel manager x elete hotel manager x elete hotel manager x elete offer x dd map x dd coffer x dd map x dd coffer x dd map x dd coffer x elete offer x dd map x dd coffer x	log in log out search reserved ag in x x x x x x x x x x x x x x x x x x	log in log out search reserve report gin x x x x x x x x x x x x x x x x x x x	log in log out search reserve report view profile gin x x x x x x x x x x x x x x x x x x x	log in log out search reserve report view profile edit profile gin x x x x x x x x x x x x x x x x x x x	log in log out search reserve report view profile edit profile cancel reservation grout x x x x x x x x x x x x x x x x x x x	log in log out search reserve report view profile edit profile cancel reservatic add photo g in x x x x x x x x x x x x x x x x x x	log in	log in log out search reserve report view profile edit profile cancel reservatic add photo delete customer paying in x x x x x x x x x x x x x x x x x x	log in log out x x x x x x x x x x x x x x x x x x x	Second   S		Ingus	Second   S				Section   Sect	Section   Sect