Hotel Management System

Table of Contents

Component Diagram 2

Architecture 3

- Client-Server Architecture 3

Product Backlog 4

- Sprint 1 Backlog 4
- Sprint 2 Backlog 9
- Sprint 3 Backlog 17

Product Burndown Chart 24

Trello Snapshots 25

- Sprint 1 25
- Sprint 2 25
- Sprint 3 26

Graphical User Interface (GUI) 27

- UI DESIGNS 27
- TEST CASES 52
- Boundary Value and Equivalent Class Partitions 88

Rooms 88

Services 96

Booking 102

Payment 108

Title: **Hotel Management System**

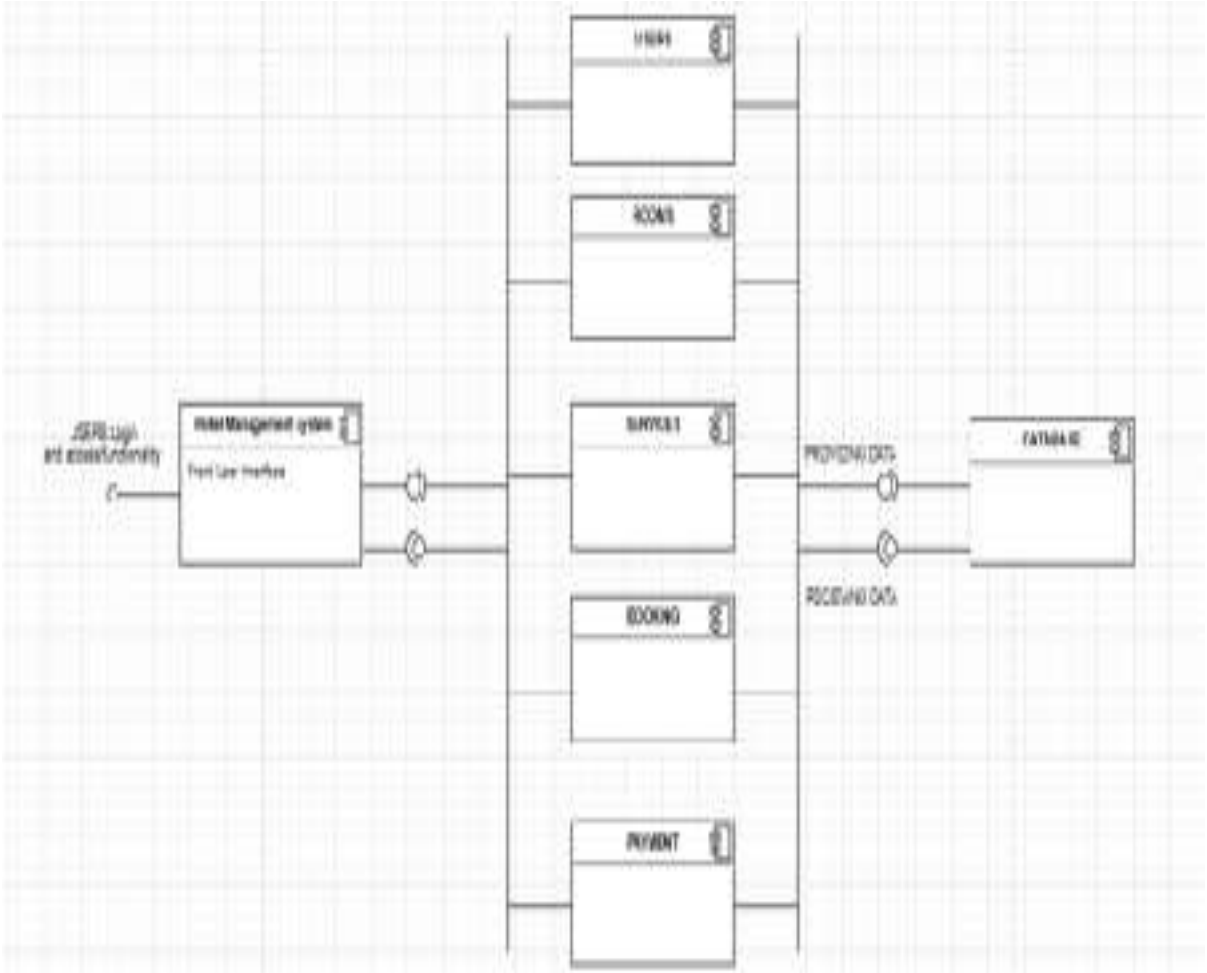
Nature of Project: **Web Application**

Scope:

Having a management system to provide the service of booking to the customer and to track reports and stats of the hotel will help not to manage the hard papers which are burdensome responsibilities for the management. Our system will be keeping the record of the staff as well as tracking their check-in time. It will be providing keep track from customer booking to customer payment and allow the admin to view statistics about the bookings and finance. The system under discussion is the implementation of the Hotel management system which will automate the major operations of the hotel. The reservation system is to keep records of available rooms. The room management system will manage all types of room services. The system will keep track of all inventories of the hotel. Moreover, the system will maintain the detail of guests (e.g. personal detail, check-in date, check-out date, etc.). The administration department will manage and monitor everything. There will be three end-users: owner, manager, and receptionist. The owner can access all systems without any restrictions. Manager will access all system functionality with limited restriction and receptionist can only access reservation management system.

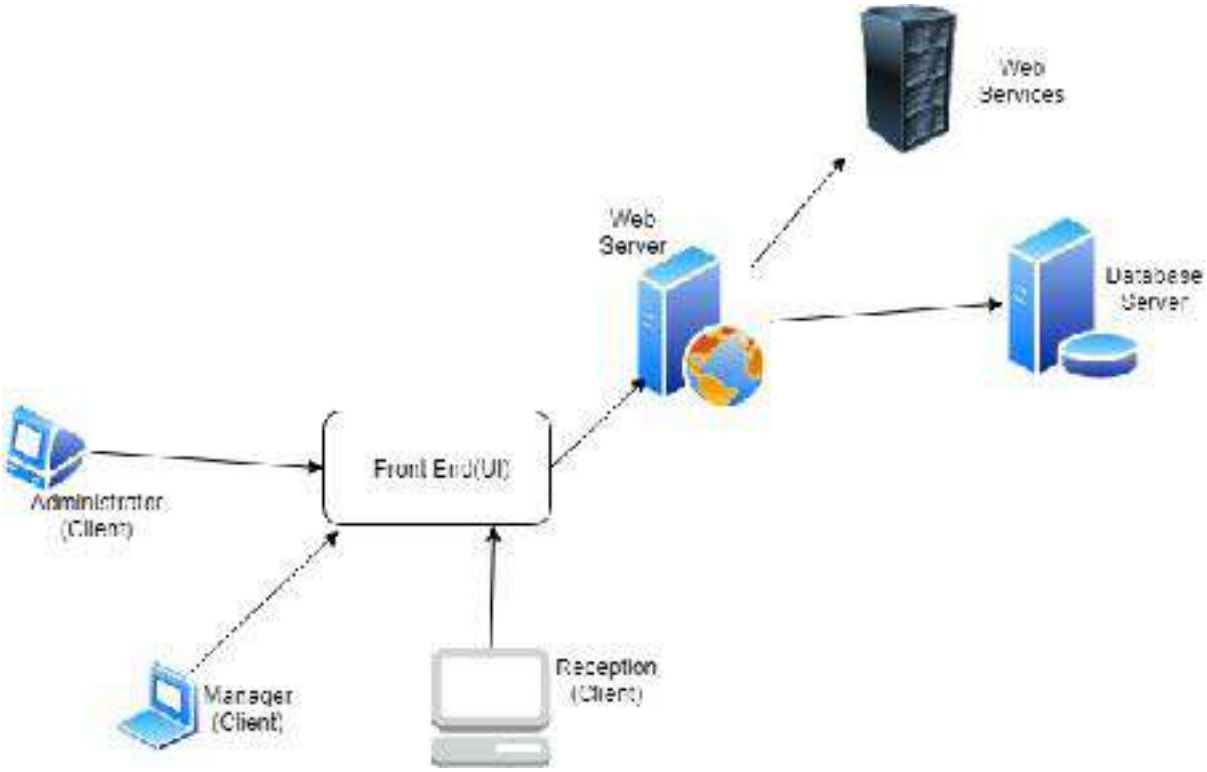
The objective of the automated Hotel Management System is to simplify day by day a lot of processes of the hotel. The system will be able to manage every service in a quick and perfect manner. This system will overcome the drawback caused by a large amount of paper file handling happening in the hotels. Some of the benefits of the development of such systems are safety, ease of use and efficiency and accuracy of information retrieval. We as a developers will also focus on easy to use features of the system.

Component Diagram



Architecture

Client-Server Architecture



It's a client server application as data is stored in database and whoever wants to view, update or Delete data they access the same database with different permissions and apply the functionality they can apply. A front-end is provided to access and modify the database easily and with modern UI.

All Tables (Booking, Payment, PaymentByCard, User, Rooms, Services,) are created in Database and operations (Create, View, Update, Delete) are performed on the same database. So, if one person deletes or update an object, it is deleted or updated for all.

E.g. when a booking object is created, its record is stored in the database. Now whoever can access the database, he is able to modify the booking details.

Product Backlog

Sprint 1 Backlog

<table>
<tr><th colspan="4">Module 1</th></tr>
<tr>
<td>User story 1
User story name
Create Account
User story statement
As an admin, I want to create an Account to get myself registered in the Hotel Management System.
Acceptance Criteria
Account has been created successfully.
• Admin can use this account for interaction with the Hotel
Failure Scenario
Unable to sign up.
• Enter valid Details (pop up)</td>
<td>Sub user story 1.1
Create Account by Phone no.
As an admin, I want to create an account by phone to get myself registered in the system.
Acceptance Criteria
• Account has been created successfully.
• Admin can use this account for interaction with the Hotel
Failure Scenario
Unable to sign up
• Enter valid Details (pop up)

Sub user story 1.2
Create Account by email.
As an admin, I want to create an account by email to get myself registered in the system.
Acceptance Criteria
Account has been created successfully.
• Admin can use this account for interaction with the Hotel
Failure Scenario
Unable to sign up
• Enter valid Details (pop up)</td>
<td>Corresponding Tasks (Technical Details)
• Connect SQLite db
• Create Table UserAccounts
• Create Attributes (id, email, password, phone no.)
• Create front end authentication form
• Create form for signing up by email
• Create form for signing up by phone
• Add records to database
• If username already exist, throw error
• If email already exist, throw error
• If phone no. already exist, throw error
• If terms are not agreed, throw error
• If record is added into database correctly, account is created.</td>
<td>Status
Completed within planned time.</td>
</tr>
</table>

User story 2 **User story name** Sign up **User story statement** As an admin, I want to sign in so that I can have access to my account. **Acceptance Criteria** User has been logged in successfully **Failure Scenario** Unable to login due to corresponding failure for log in • Incorrect username entered • Incorrect password entered. .	**Sub user story 2.1** **Log in by Phone no.** As an admin, I want to log in by phone so that I can have access to my account. **Acceptance Criteria** User has been logged in successfully **Failure Scenario** Unable to login due to corresponding failure for log in • Incorrect phone No entered • Incorrect password entered **Sub user story 2.2** **Log in by email.** As an admin, I want to log in by email so that I can have access to my account. **Acceptance Criteria** User has been logged in successfully **Failure Scenario** Unable to login due to corresponding failure for log in • Incorrect email entered • Incorrect password entered	**Corresponding Tasks (Technical Details)** • Connect to SQLite db. • Create Instance of UserAccounts • Create form for log in • Retrieve (id, password from form) • If ID is not in username, check id in email • If ID is not in email, check id in phone • If ID is not is phone, throw error User doesn't exist • If ID is in email, username or phone, match password • If password doesn't match throw error • Create Session of the user if password matches • Delete User session is user logs out	**Status** Completed within planned time.

Module 2			
User story 3 **User story name** Add Room **User story statement** As an admin, I want to add a room in records so that I can book a room. **Acceptance Criteria** The room has been added successfully. **Failure Scenario** Room details are not added in records due to Database failure.		**Corresponding Tasks (Technical Details)** • Connect to Sqlite db • Create Table Room • Add attributes(id, capacity, floor) • Create Front end Form • Create Instance • Add Instance to database • If room is already in the database, throw error.	**Status** Completed within planned time.
User story 4 **User story name** Update Room **User story statement** As an admin, I want to update the room details so that I can manage better records. **Acceptance Criteria** • Details of the room have been updated successfully. • Updated room can be booked. **Failure Scenario** “Error in updating room details” (popup).		**Corresponding Tasks (Technical Details)** • Connect to SQLite db. • Access Table Room • Create Front end form • If room exist, update the record • If room doesn’t exist, throw error	**Status** Completed within planned time.

User story 5 **User story name** Remove Room **User story statement** As an admin, I want to remove a room in records so that I can manage to book again. **Acceptance Criteria** The room has been removed successfully. **Failure Scenario** “Cannot remove room” (pop up)		**Corresponding Tasks (Technical Details)** • Connect to SQLite db. • Create Front end form • If room exist, delete the record • If room doesn’t exist, throw error	**Status** Completed within planned time.

Sprint 2 Backlog

Module 2 (Manage Packages)

User story 6 **User story name** Add Services **User story statement** As an admin, I want to add services so that I can allocate service in the booking. **Acceptance Criteria** Services have been added successfully. • These services are now available for customers to avail. **Failure Scenario** • Service details are not added in records due to Database failure. Service cannot be availed.	**Sub user story 6.1** **Add Room Services** As an admin, I want to add room services so that I can get services to make customer booking. **Acceptance Criteria** Room Services have been added successfully • These services are now available for customers to avail. **Failure Scenario** Room Services details are not added in records due to Database failure. Service cannot be availed. • Error in adding service (pop up) **Sub user story 6.2** **Add Food Services** As an admin, I want to add food services so that I can get services to make customer booking. **Acceptance Criteria** Food Services have been added successfully. • These services are now available for customers to avail. **Failure Scenario** Food Services details are not added in records due to	**Corresponding Tasks (Technical Details)** • Connect SQLite db. • Create Table services	**Status** Completed within planned time.

User story 7 **User story name** Update Services **User story statement** As an admin, I want to edit services so that I can keep updated services in record. **Acceptance Criteria** Services have been updated or edited successfully. **Failure Scenario** 'Cannot edit service' (pop up)	**Sub user story 7.1** **Update Room Services** As an admin, I want to update room services so that I can keep updated services in record. **Acceptance Criteria** • Room Services have been edited successfully. **Failure Scenario** • 'Cannot edit room service' (pop up) **Sub user story 7.2** **Update Food Services** As an admin, I want to update food services so that I can keep updated services in record. **Acceptance Criteria** • Food Services have been edited successfully. **Failure Scenario** • 'Cannot edit food service' (pop up)	**Corresponding Tasks (Technical Details)** • Connect SQLite db.	**Status** Completed within planned time.

User story 8 **User story name** Remove Services **User story statement** As an admin, I want to remove services so that I can discard those services which are not useful. **Acceptance Criteria** • Services have been removed successfully. **Failure Scenario** • Failure of removal of service from record cause to offer an unavailable service. • 'Cannot remove service' (pop up)	**Sub user story 8.1** **Remove Room Services** As an admin, I want to remove room services so that I can discard those services which are not useful. **Acceptance Criteria** • Room Services have been removed successfully. **Failure Scenario** • Failure of removal of Room service from record cause to offer an unavailable service. **Sub user story 8.2** **Remove Food Services** As an admin, I want to remove food services so that I can discard those services which are not useful. **Acceptance Criteria** Food Services have been removed successfully. **Failure Scenario** Failure of removal of food service from record cause to offer an unavailable service.	**Corresponding Tasks (Technical Details)** • Connect SQLite db.	**Status** Completed within planned time.

Module 3 (View Packages)			
User story 9 **User story name** View Services **User story statement** As an admin, I want to view services so that I can keep checking on services to offer **Acceptance Criteria** • Services interface have been displayed successfully. **Failure Scenario** • 'Error in viewing services' (po p up)		**Corresponding Tasks (Technical Details)** • Connect SQLite db.	**Status** Completed within planned time.

User story 10 **User story name** View Rooms **User story statement** As an admin, I want to view Rooms so that I can check free rooms and allocate them to the booking process. **Acceptance Criteria** • The services interface has been displayed successfully **Failure Scenario:** • "Error in viewing room details" (pop up)		**Corresponding Tasks (Technical Details)** • Connect SQLite db.	**Status** Completed within planned time.
Module 4 (Manage Bookings)			

User story 11 **User story name** Make Booking **User story statement** As an admin, I want to make a booking so that I can provide rooms to the customer for staying. **Acceptance Criteria** • Booking has been done successfully **Failure Scenario:** • “Error in making booking” (pop up)		**Corresponding Tasks (Technical Details)** • Connect SQLite db.	**Status** Completed within planned time.

Sprint 3 Backlog

Module 4 (Manage Bookings)			
User story 12 **User story name** View Booking **User story statement** As an admin, I want to view a booking so that I can assure the details of booking. **Acceptance Criteria** Booking has been viewed successfully. **Failure Scenario** “Error in viewing booking” (pop up).	**Sub user story 12.1** **Search By Customer Name** As an admin, I want to search booking by customer name so that I can view the details of booking. **Acceptance Criteria** Booking has been viewed successfully by name. **Failure Scenario** “Error in viewing booking” (pop up). **Sub user story 12.2** **Search By Date** As an admin, I want to search booking by date so that I can view the details of booking. **Acceptance Criteria** Booking has been viewed by date successfully. **Failure Scenario** “Error in viewing booking by date” (pop up).	**Corresponding Tasks (Technical Details)** • Connect SQLite db. • Get Table Booking • Retrieve All Bookings which are active • Show booking list on web front-end • If booking is selected, show booking details on front-end • If booking is searched by Name, Check If name is Invalid, throw error • If booking is searched by Date, Check If date is Invalid, throw error • If Searched and query is valid, retrieve queried object form database and send list on front end • If Searched query is clear, show all bookings	**Status** Completed within planned time.

User story 13 **User story name** Drop Booking **User story statement** As an admin, I want to drop booking so that I can give free rooms to provided customers. **Acceptance Criteria** Booking has been canceled successfully. **Failure Scenario** Invalid information entered “error in cancelation”.		**Corresponding Tasks (Technical Details)** • Connect SQLite db. • Get Table Booking • Get Booking Object • Show Booking Object • Check If booking doesn’t exist, throw error • If booking exist, Drop Booking • send message to front-end booking dropped.	**Status** Completed within planned time.

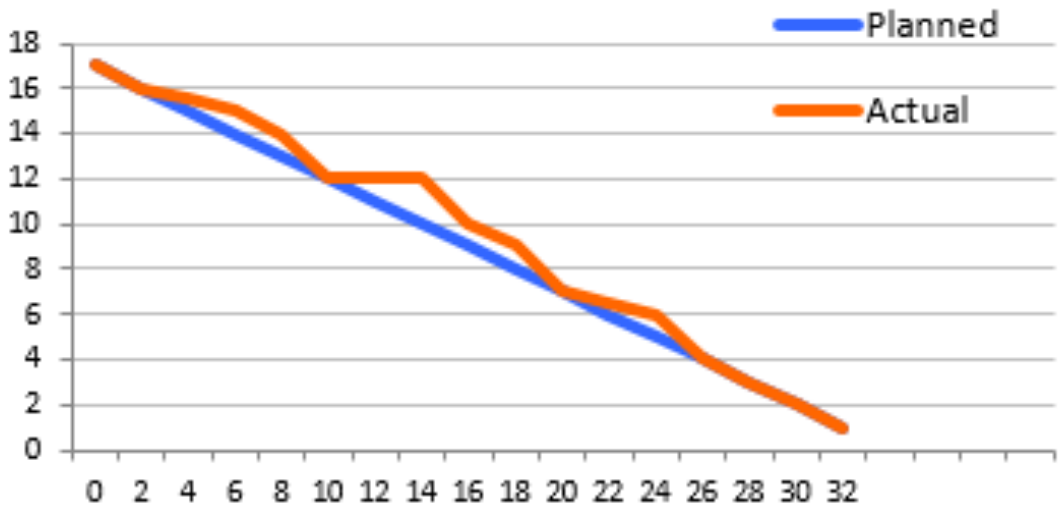
User story 14 **User story name** Edit Booking **User story statement** As an admin, I want to edit Booking so that I can change packages I choose while booking. **Acceptance Criteria** Booking has been edited successfully. • Packages are changed according to requirements. **Failure Scenario** “Failed to update booking” (pop up).		**Corresponding Tasks (Technical Details)** • Connect SQLite db. • Get Table Booking • Get object from table • Show data on front end • If Updating fields are incorrect, throw error • If Fields are valid, update booking • Show Message on front end, booking is updated.	**Status** Completed within planned time.
Module 5 (Manage Payment)			

User story 15 **User story name** Add payment **User story statement** As an admin, I want to Add payment so that customers can pay their bill. **Acceptance Criteria** Bill has been prepared successfully. • Users can pay the bill according to the services availed. **Failure Scenario** “Failure in making payment”(pop up).	**Sub user story 15.1** **Add payment by Credit Card** As an admin, I want to Add payment by Credit Card so that customers can pay their bill. **Acceptance Criteria** Bill has been prepared for credit card successfully. • Users can pay the bill according to the services availed. **Failure Scenario** “Failure in making payment” (pop up). **Sub user story 15.2** **Add payment by Cash** As an admin, I want to Add payment by Cash so that customers can pay their bill. **Acceptance Criteria** Bill has been	**Corresponding Tasks (Technical Details)** • Connect SQLite db. • Create Table PaymentByCard • Create Table Payment • Get Table Booking • Get Booking Object • If PaymentByCash, Update Values on Payment and Store the instance in booking.payment • If PaymentByCard, Create Object of PaymentByCard • Create Object Payment • Update Payment.ByCard with PaymentByCard • Update Other Payment Fields • Update booking.payment with Payment • If Fields are invalid, throw error • If paid, show message on front-end ‘Booking Successful’	**Status** Completed within planned time.

Module 6 (Reports)			
User story 16 **User story name** Booking Report **User story statement** As an admin, I want to generate reports so that I can have a record of all the bookings. **Acceptance Criteria** Successful generation of reports. • Reports show the details of billing according to selected packages. **Failure Scenario** “Error in report generation” (pop up).		**Corresponding Tasks (Technical Details)** • Connect SQLite db. • Get Table Bookings • Retrieve From and To Date from front end • If Invalid, throw error • If Valid Show bookings • Calculate total bookings • Calculate Dropped Bookings • Calculate Active Booking • Show Stats On Front-End	**Status** Completed within planned time.

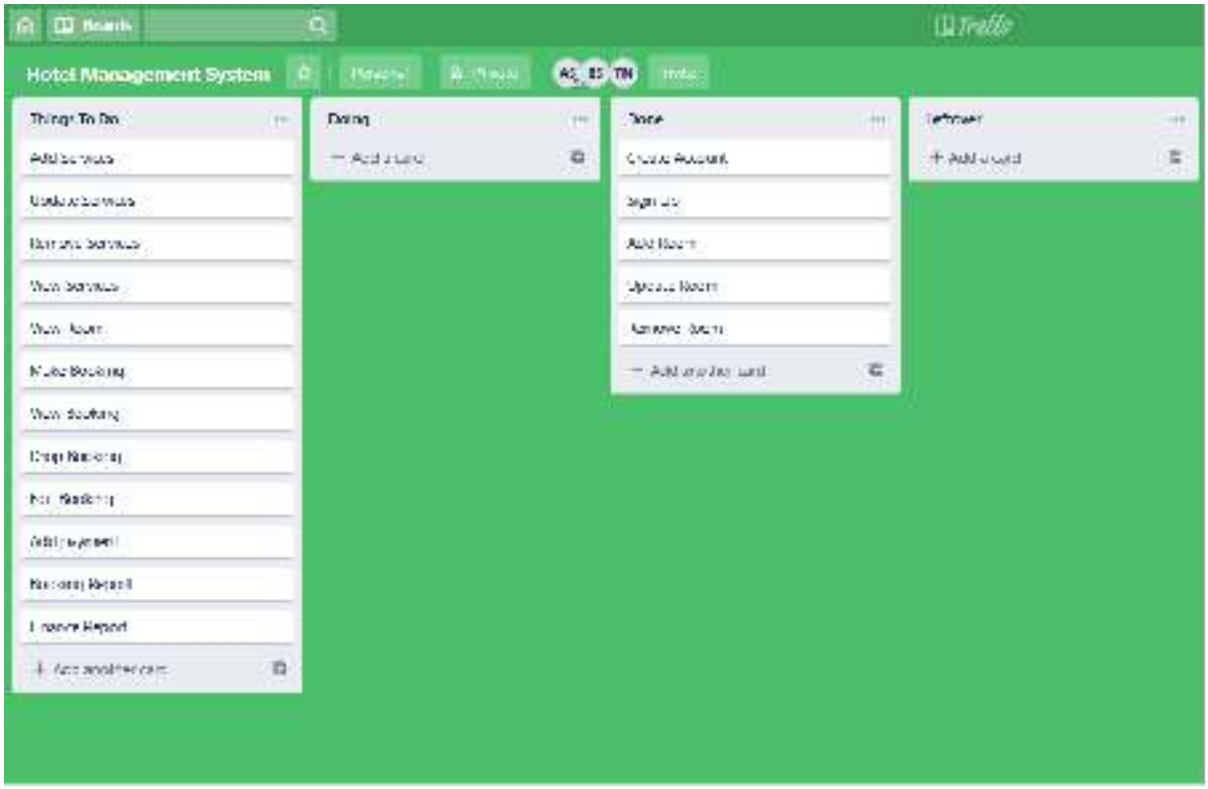
User story 17 **User story name** Finance Report **User story statement** As an admin, I want to generate reports so that I can have a record of all the finances. **Acceptance Criteria** Successful generation of financial reports. • Reports show the details of billing on selected intervals of time (weekly or monthly).. **Failure Scenario** “Error in report generation” (pop up).		**Corresponding Tasks (Technical Details)** • Connect SQLite db. • Get Table Bookings • Retrieve From and To Date from front end • If Invalid, throw error • If Valid Show Payments • Calculate total Payment • Calculate Dropped Payment • Calculate Loss Show Stats On Front-End	**Status** Completed within planned time.

Product Burndown Chart

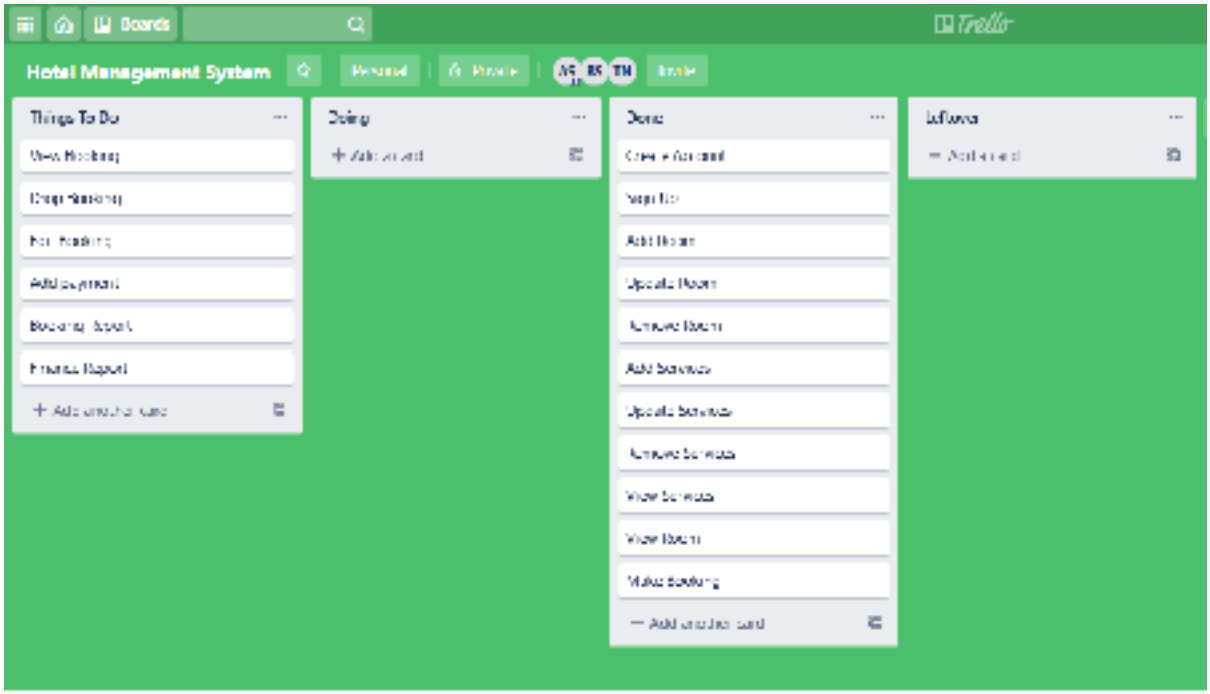


Trello Snapshots

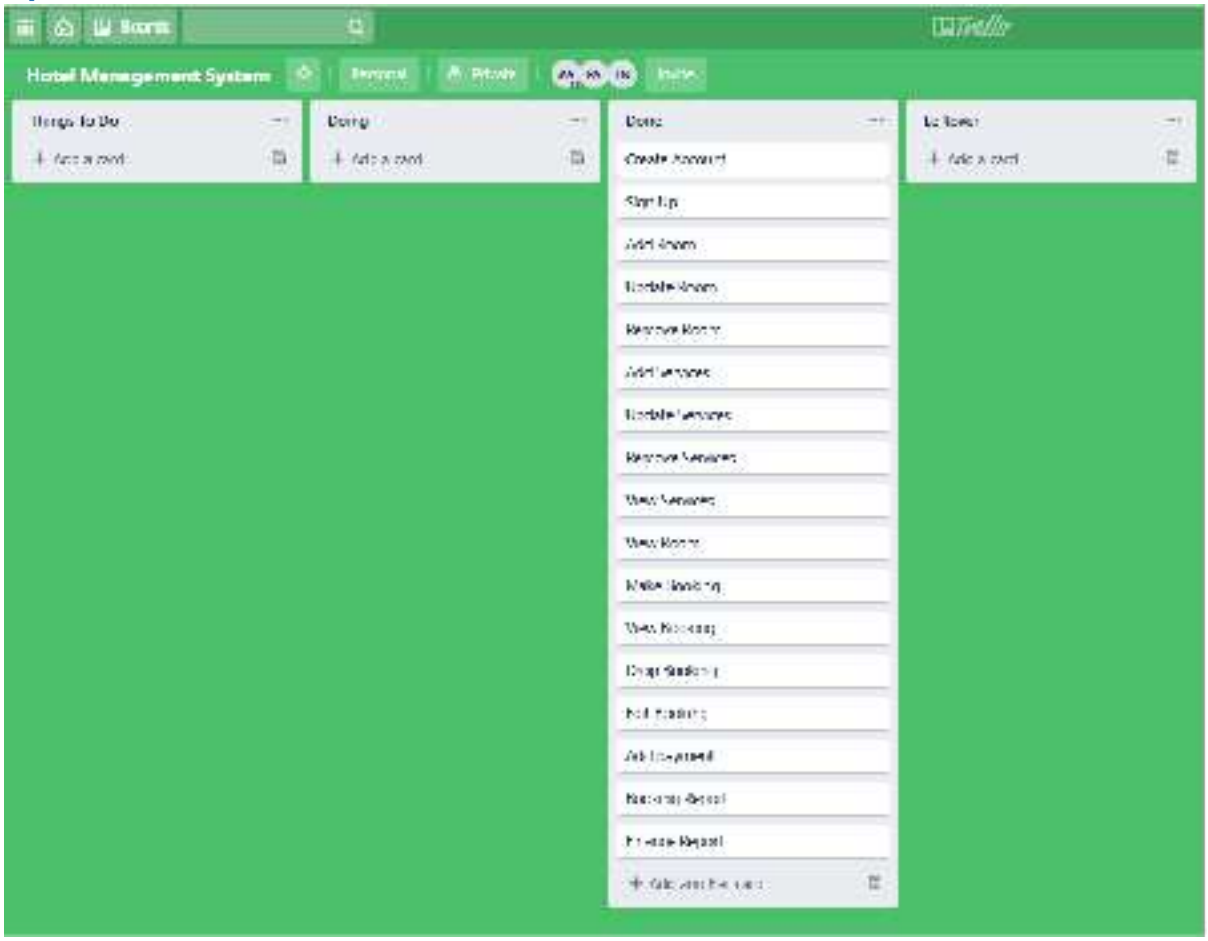
Sprint 1



Sprint 2



Sprint 3

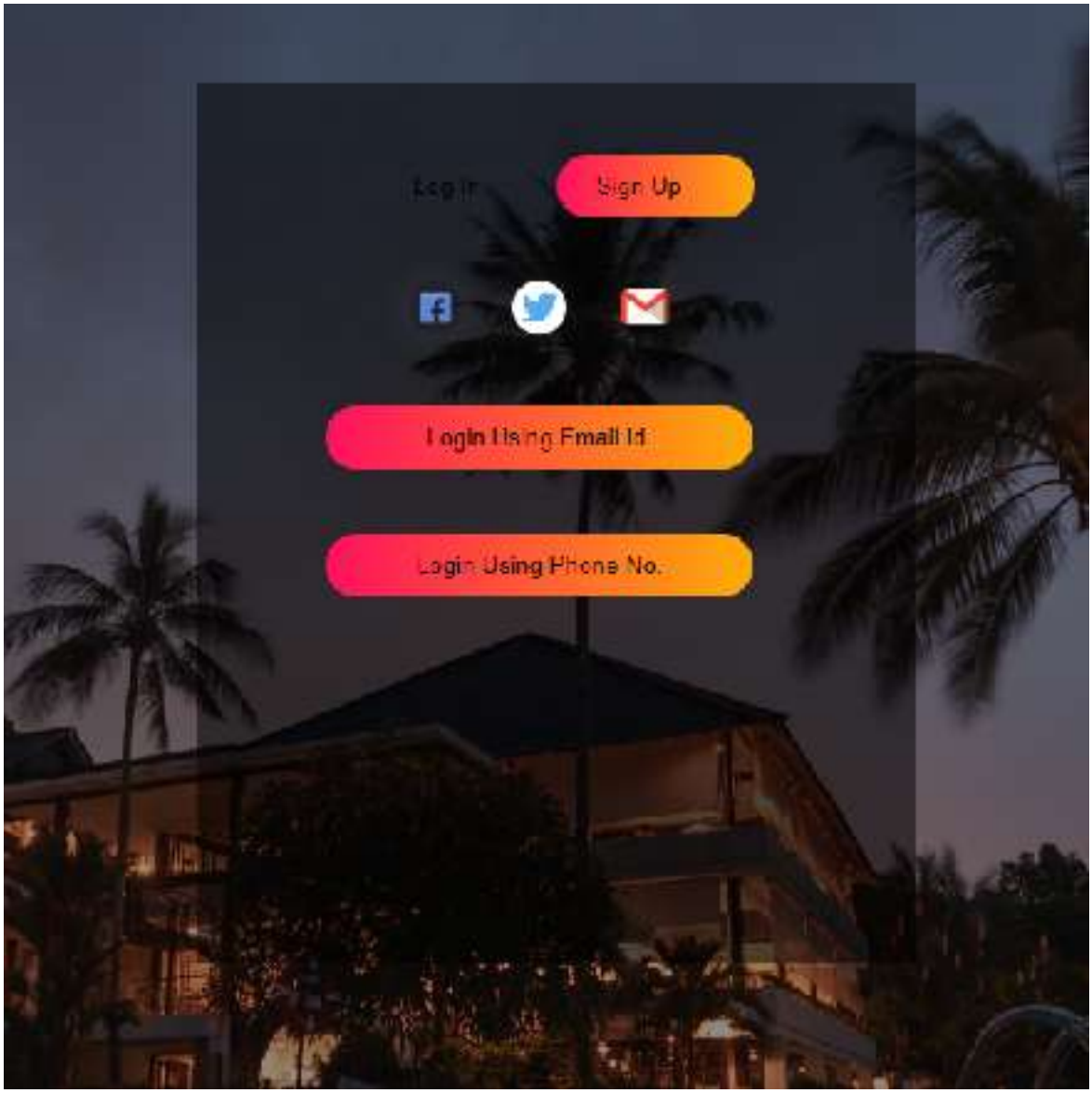


Graphical User Interface (GUI)

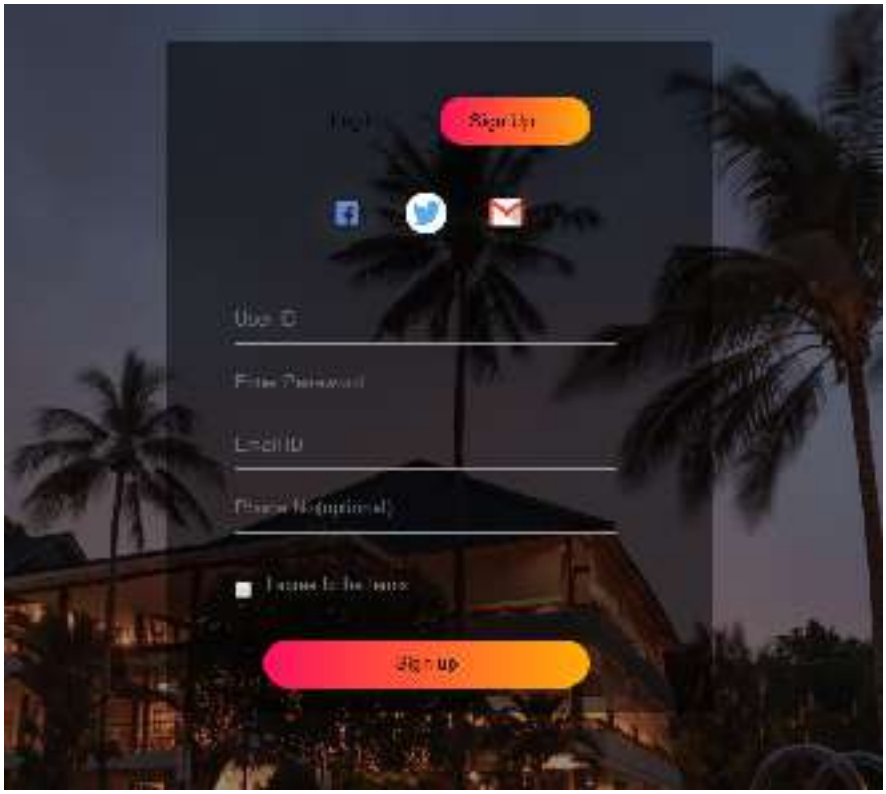
UI DESIGNS

User Story 1

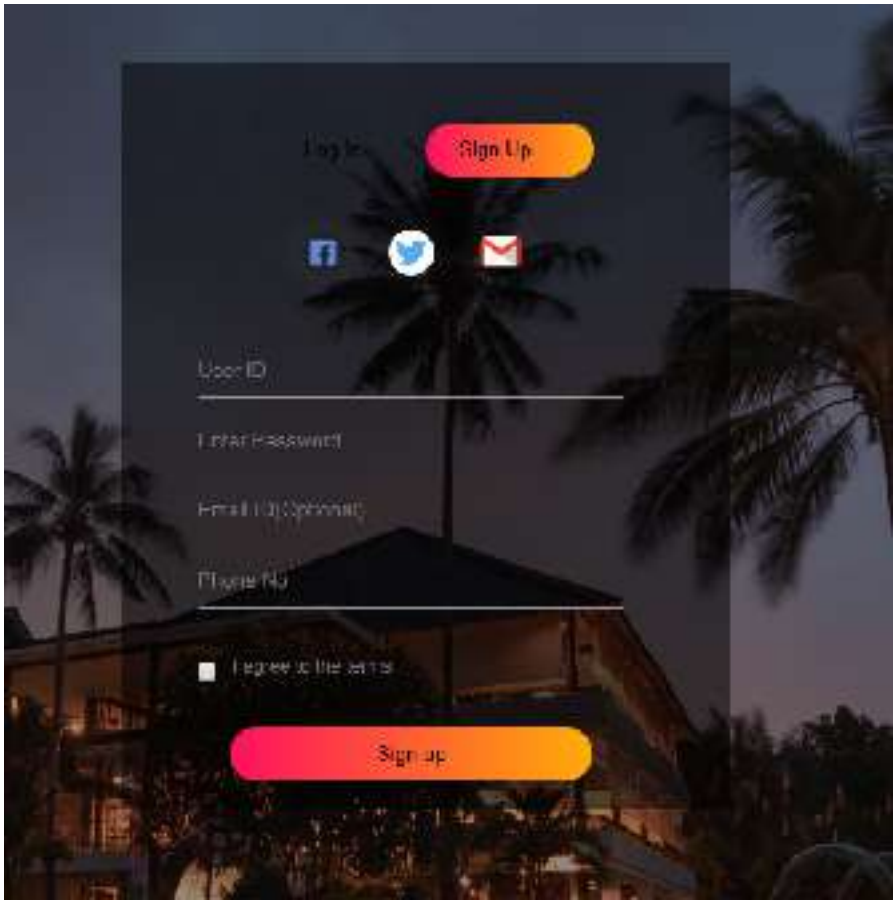
Sign up Form



1.1 Sign up Using Email

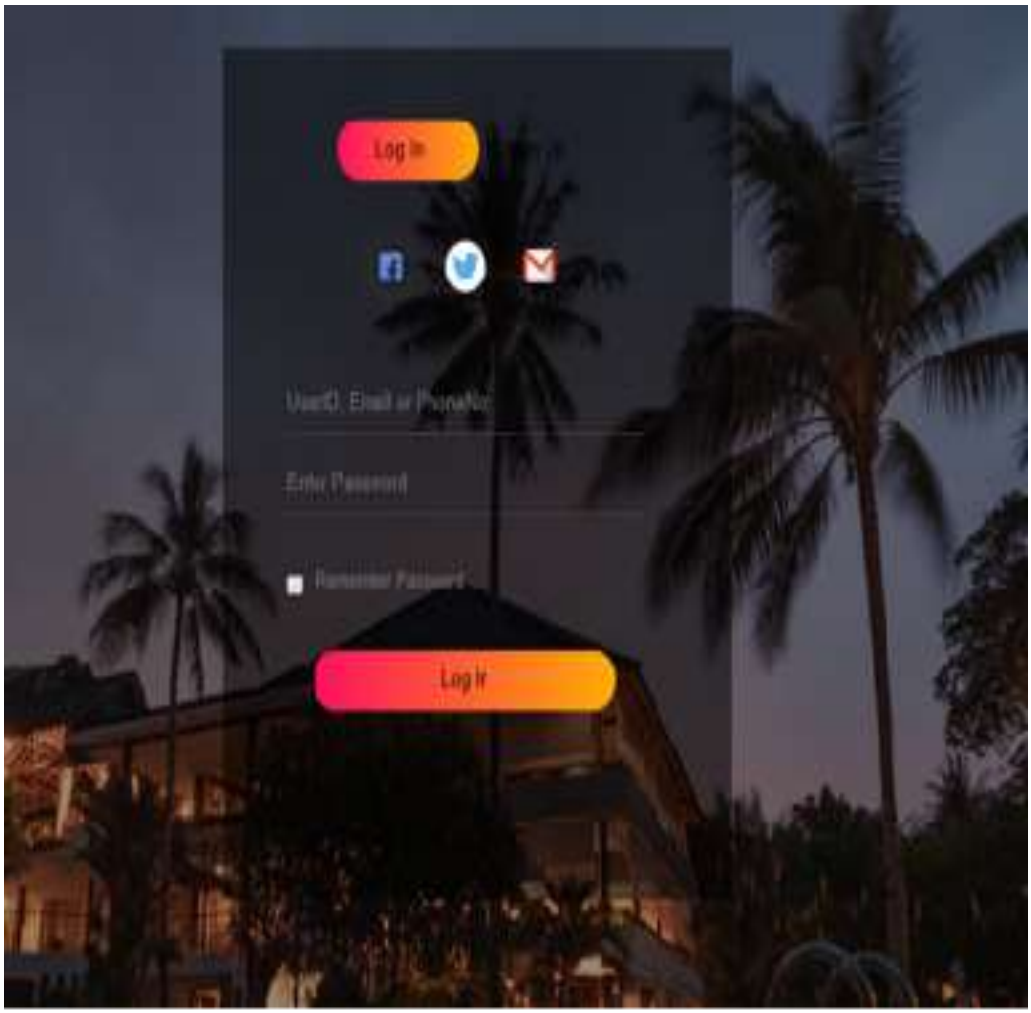


1.2 Sign up Using Phone



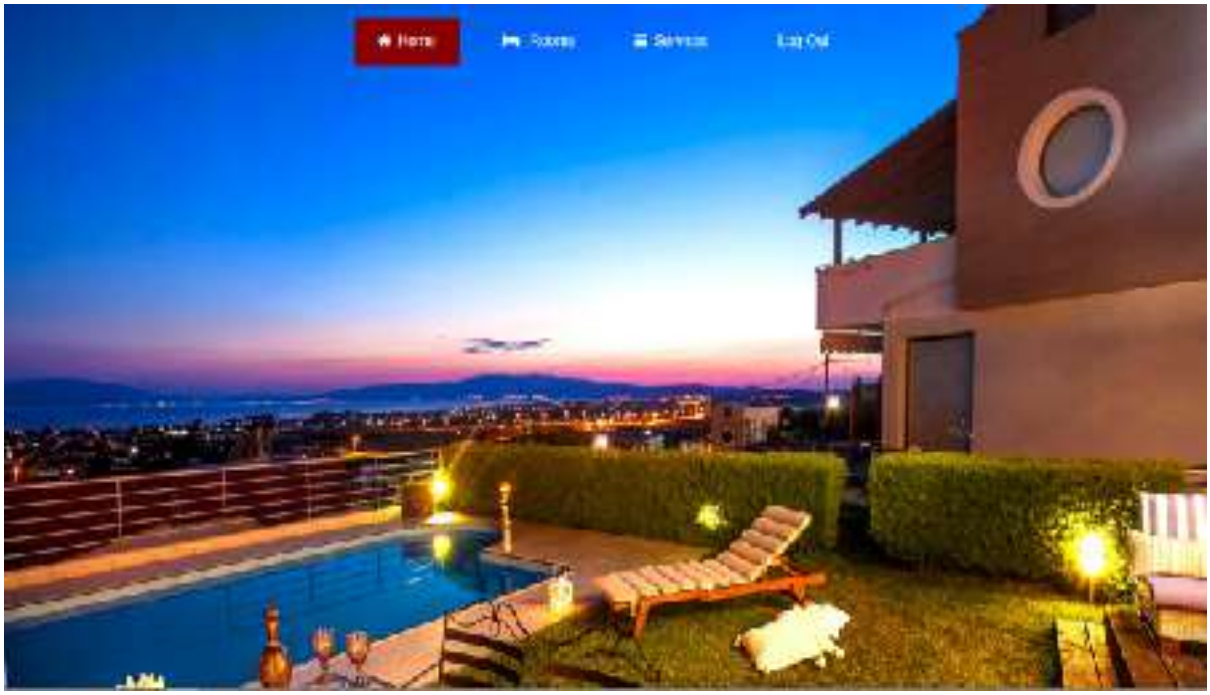
User Story 2

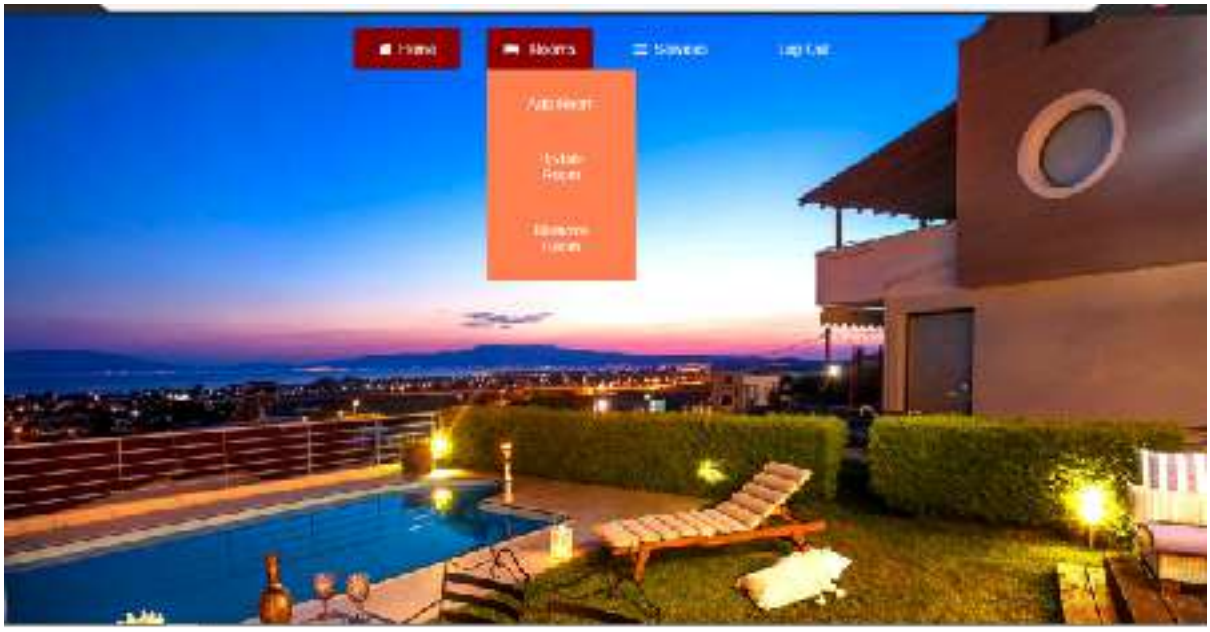
Log In Form

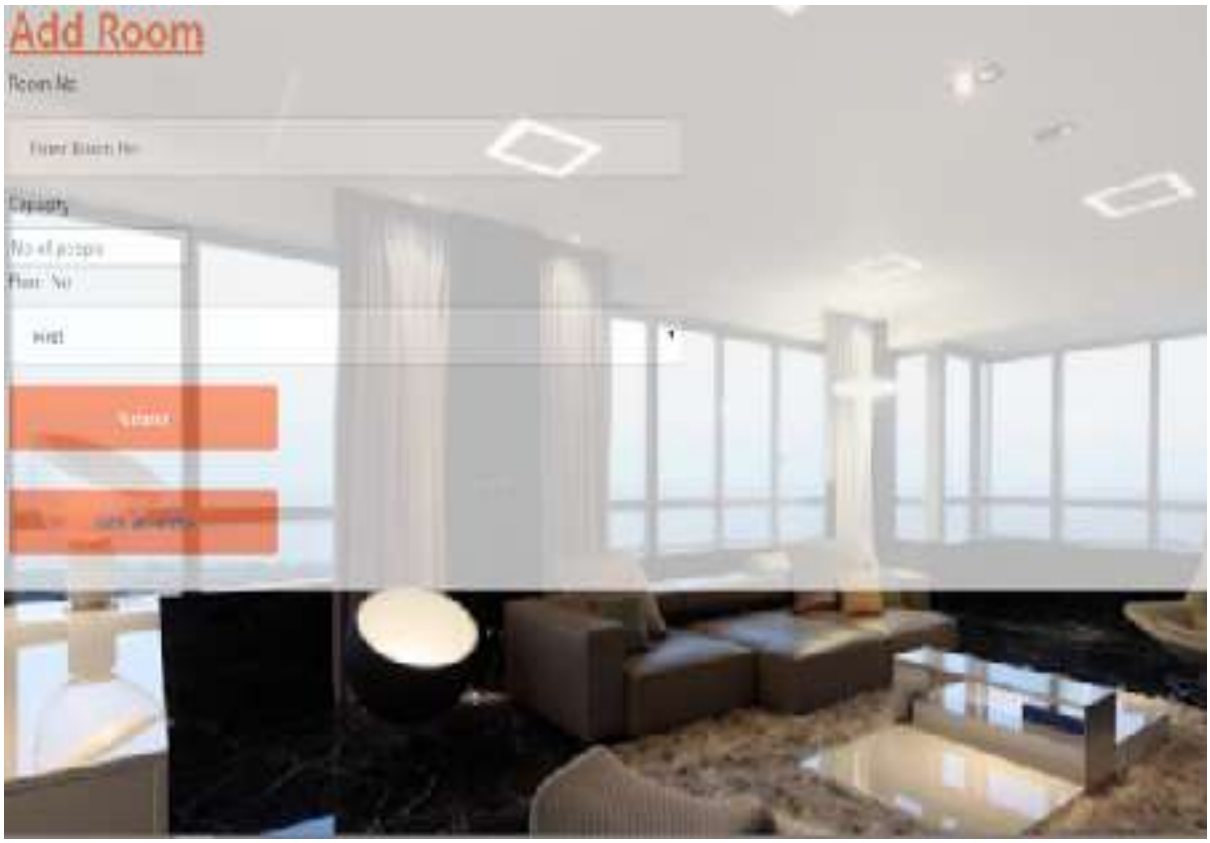


User Story 3

Add Room

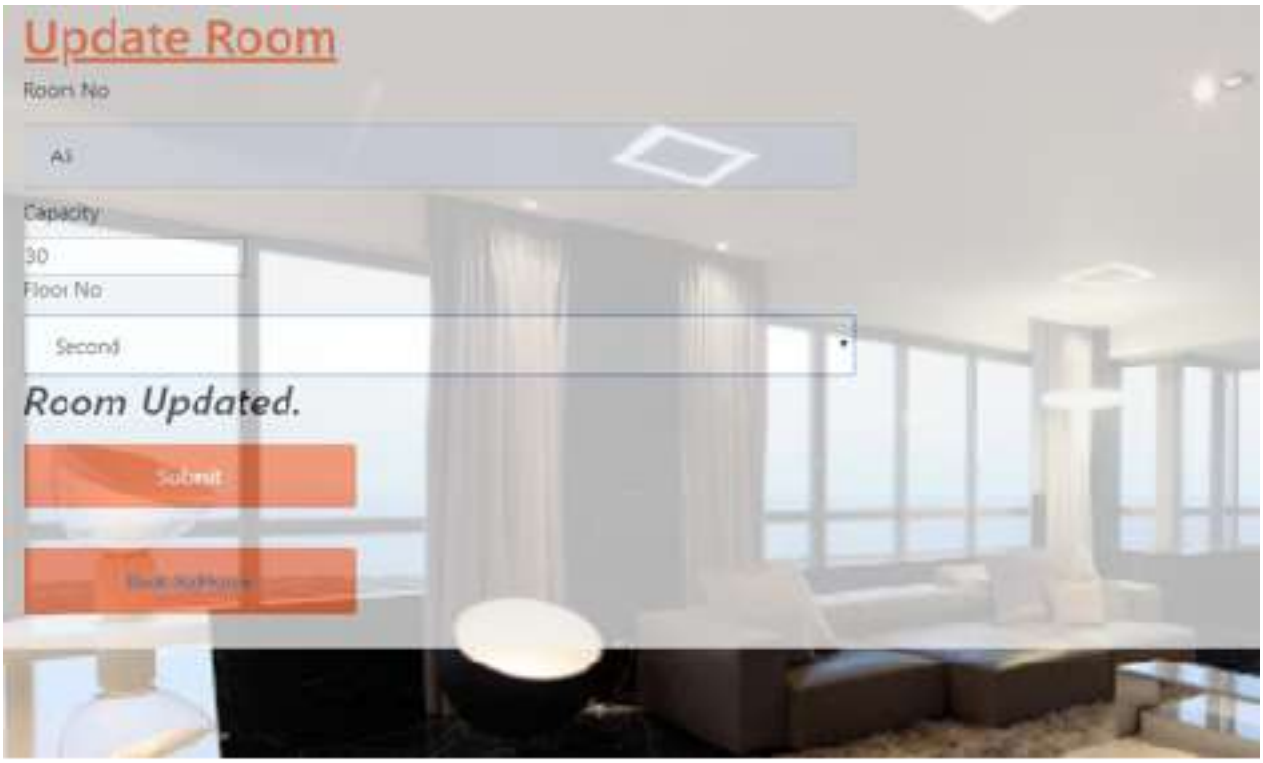





Add Room

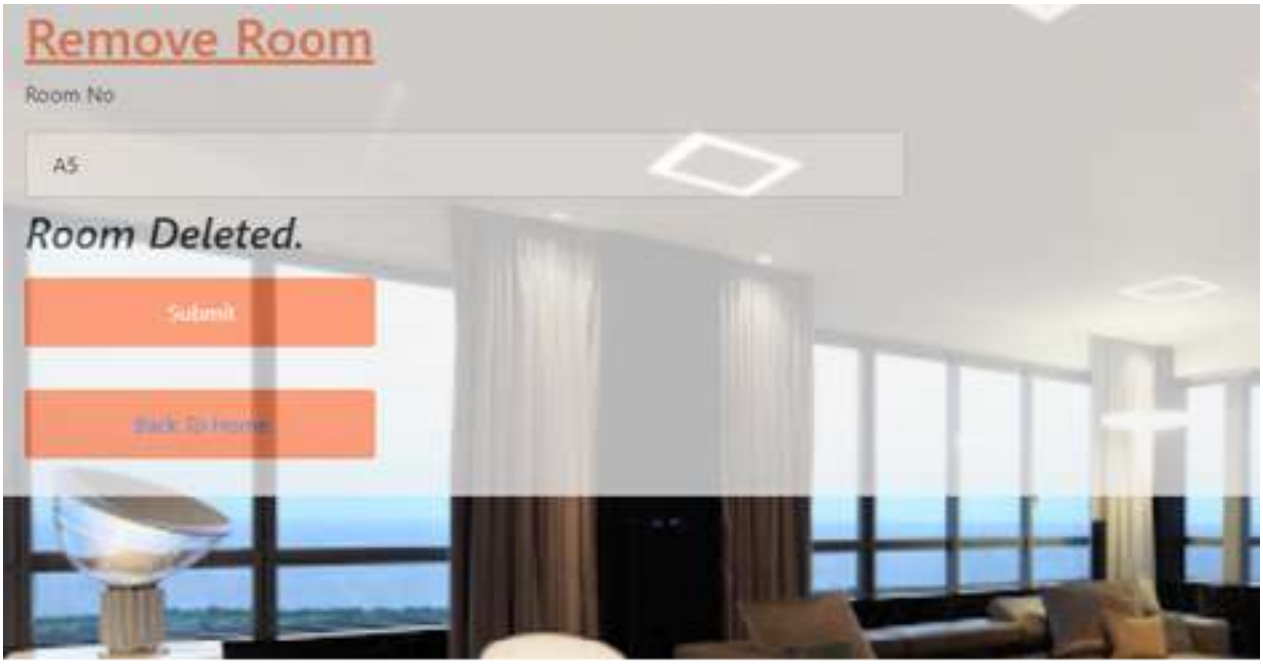
User Story 4

Update Room



User Story 5

Delete Room



User Story 6

Add Services

User Story 7

Update Services

User Story 8

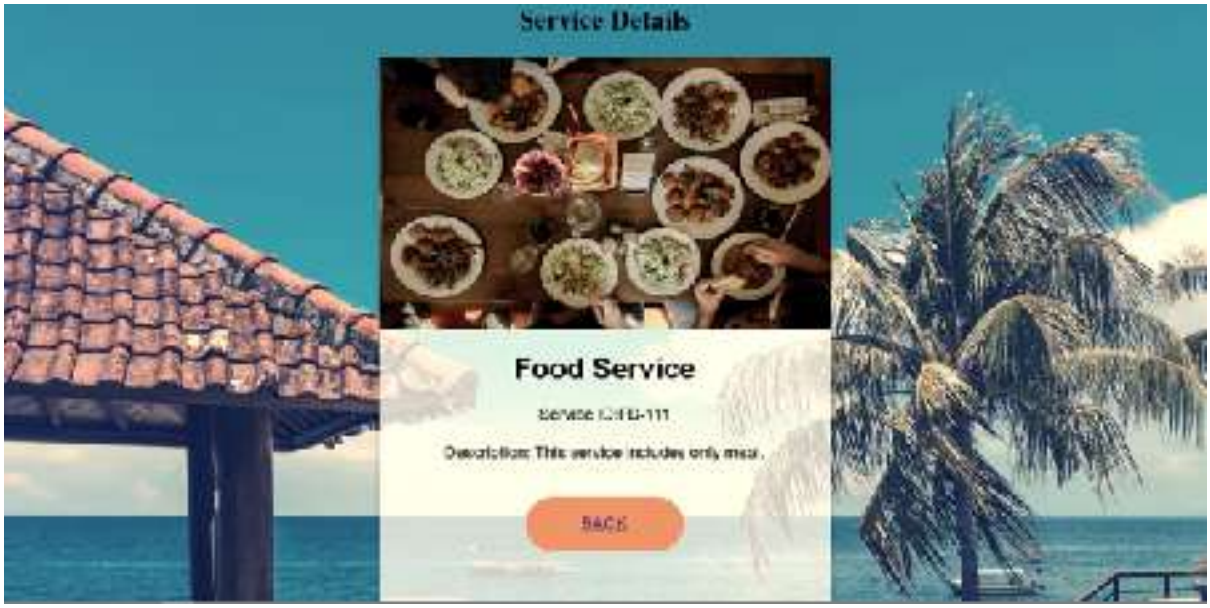
Update Services

User Story 9

View Services

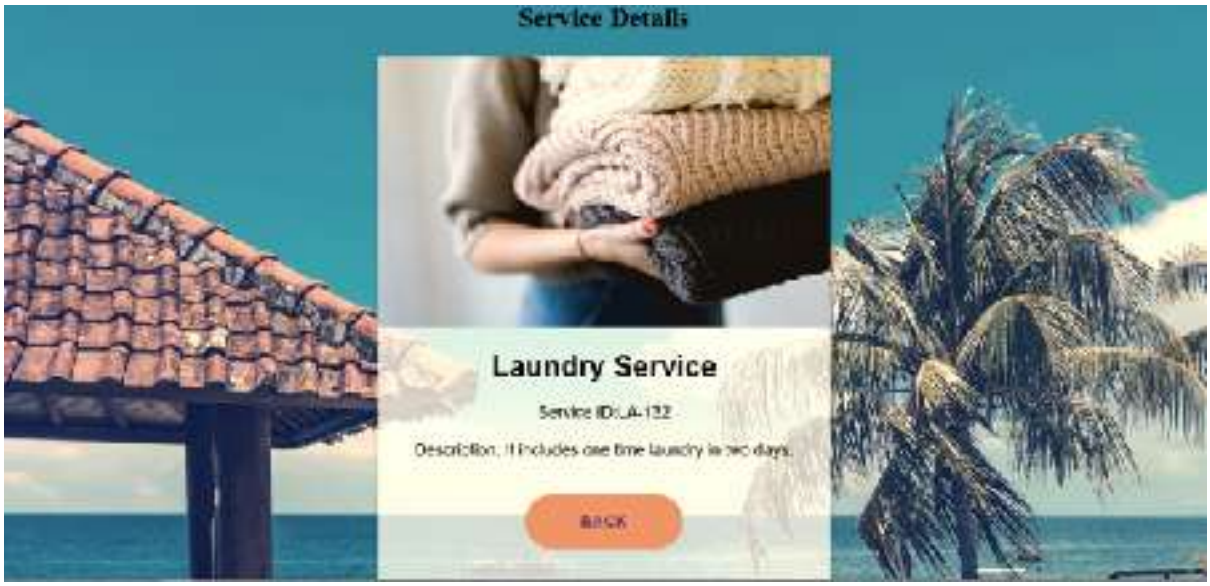
Sub User Story 9.1

Food Service



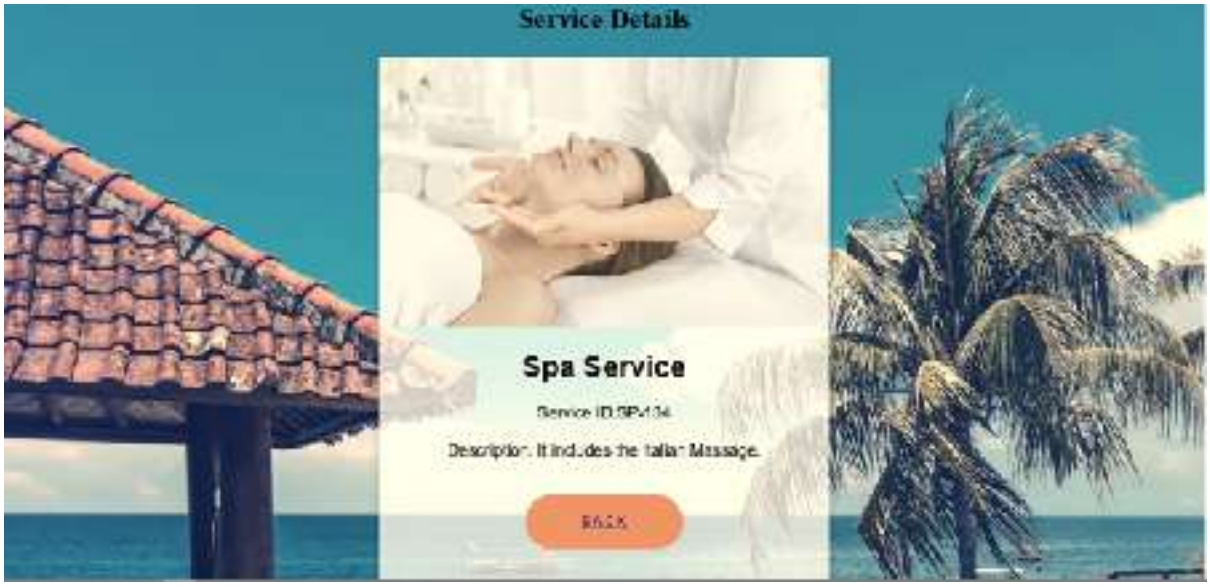
Sub User Story 9.2

Laundry Service



Sub User Story 9.3

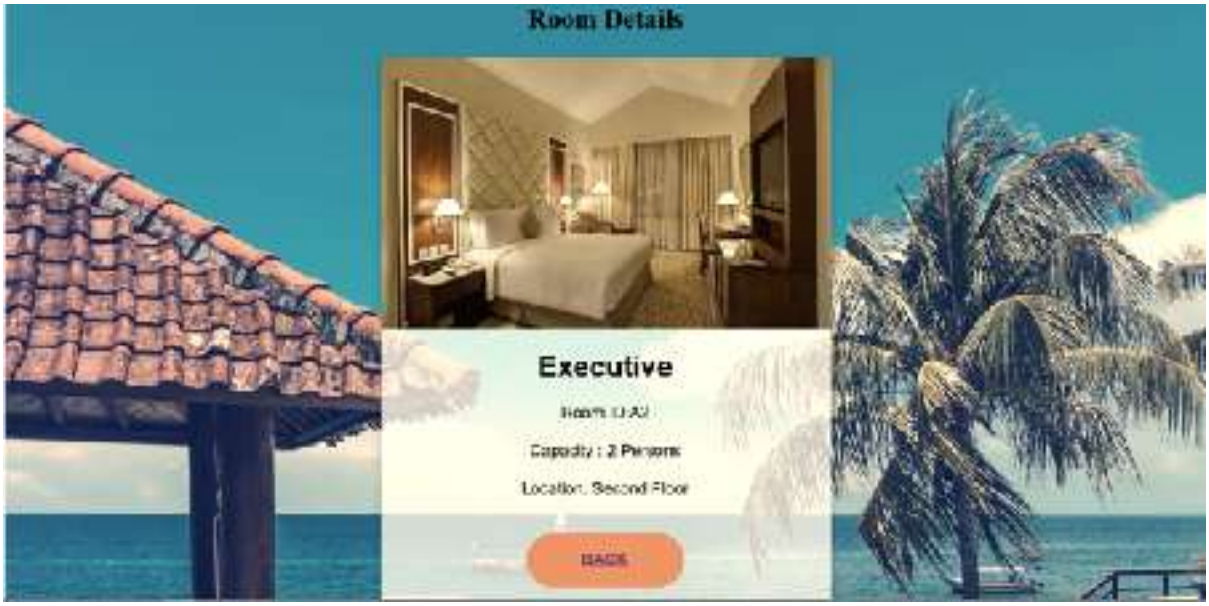
Spa Service



User Story 10

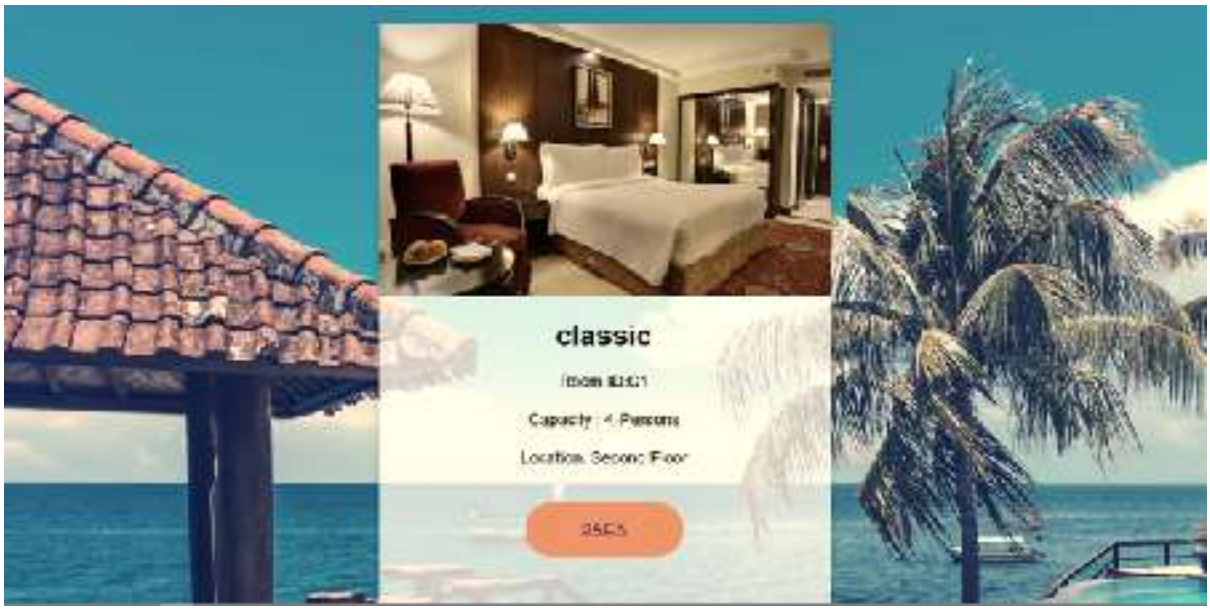
View Rooms

Executive Rooms



Deluxe Rooms

Classic Rooms

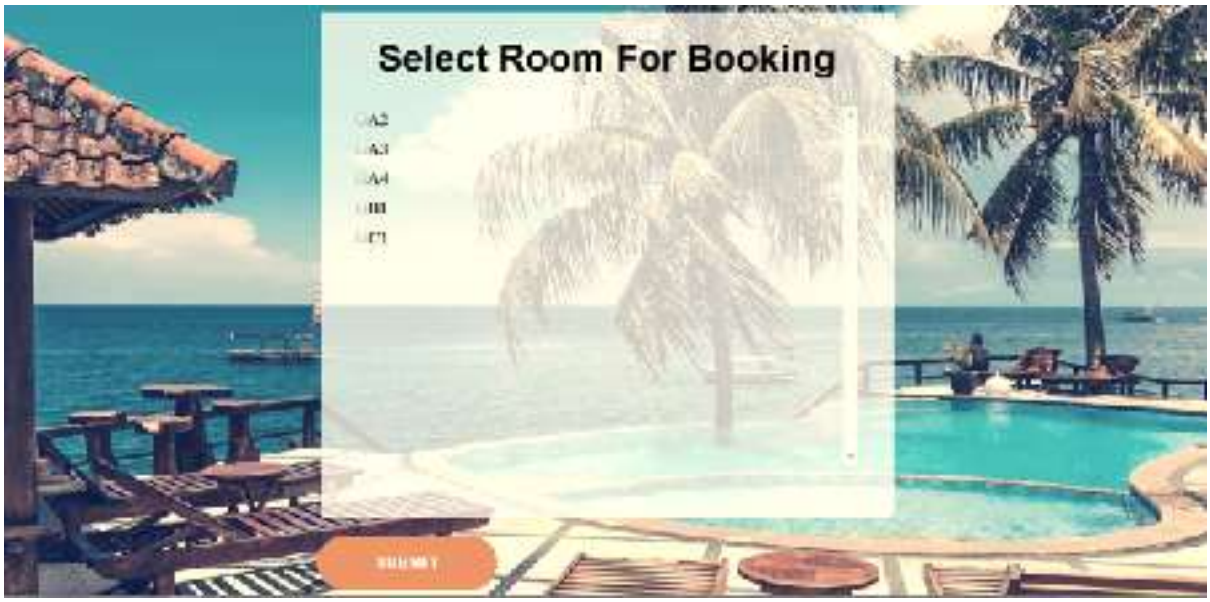


User Story 11

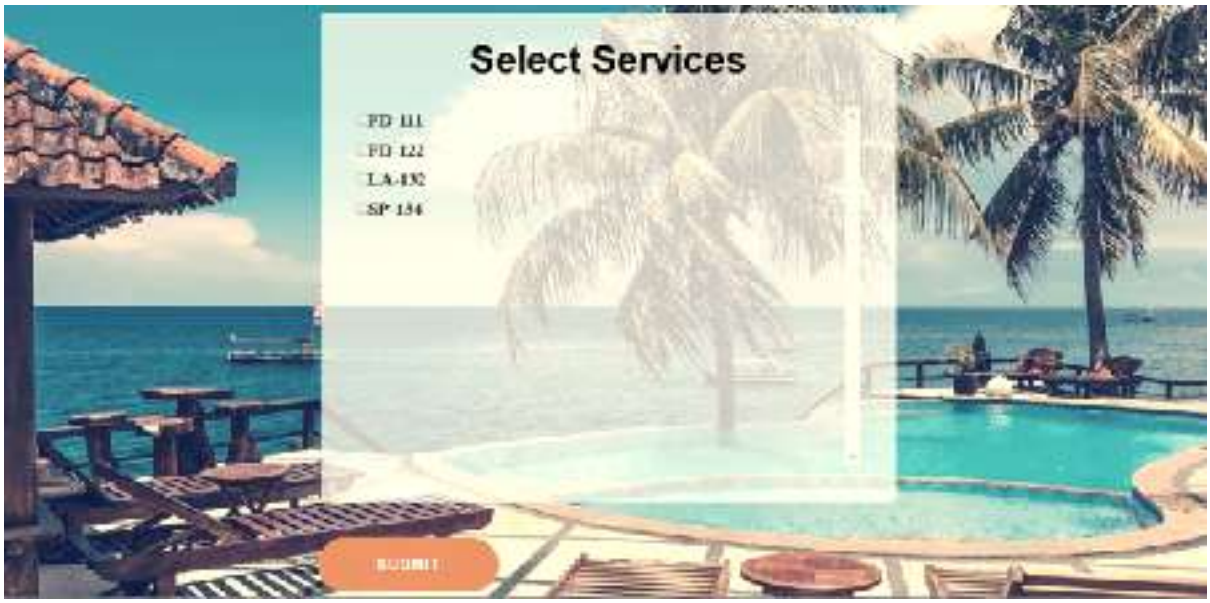
Make Booking

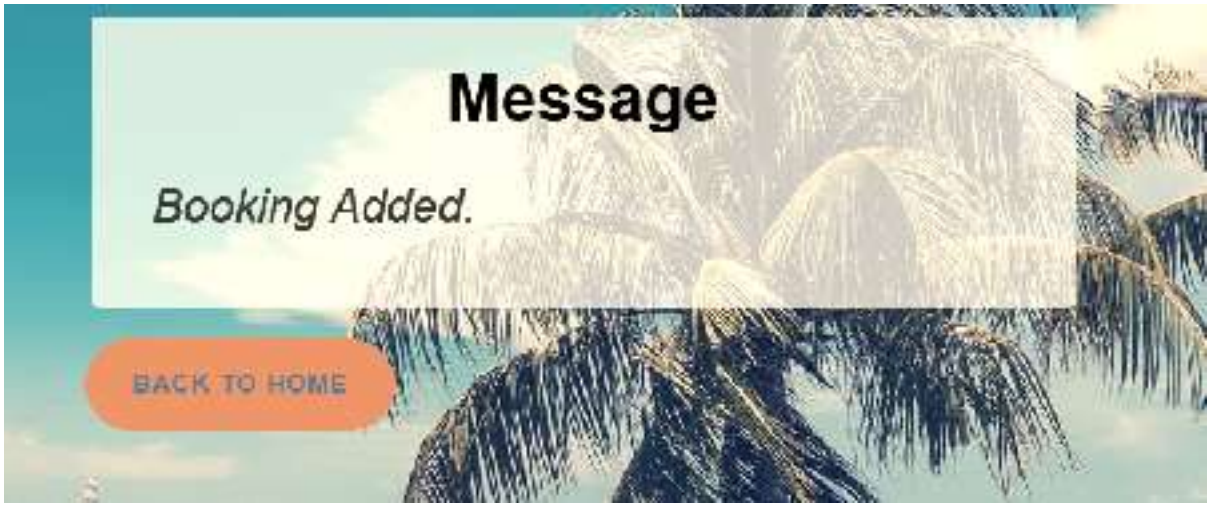
1. Enter Details

2. Select Rooms (1 to Many Relationship)



3. Select Services (Many to Many)



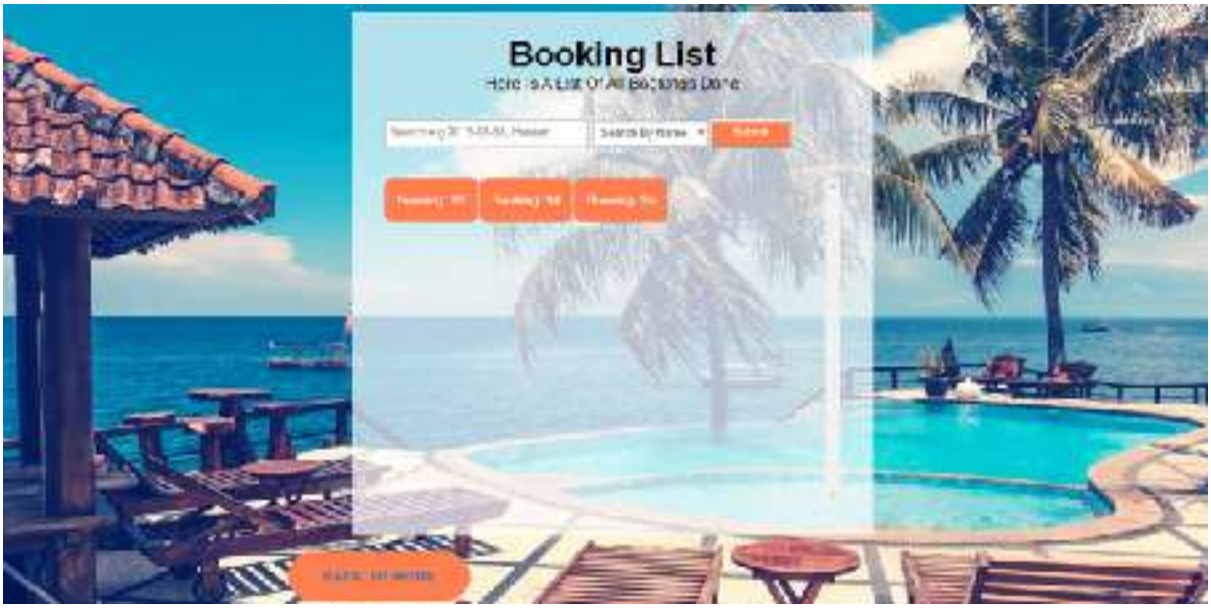


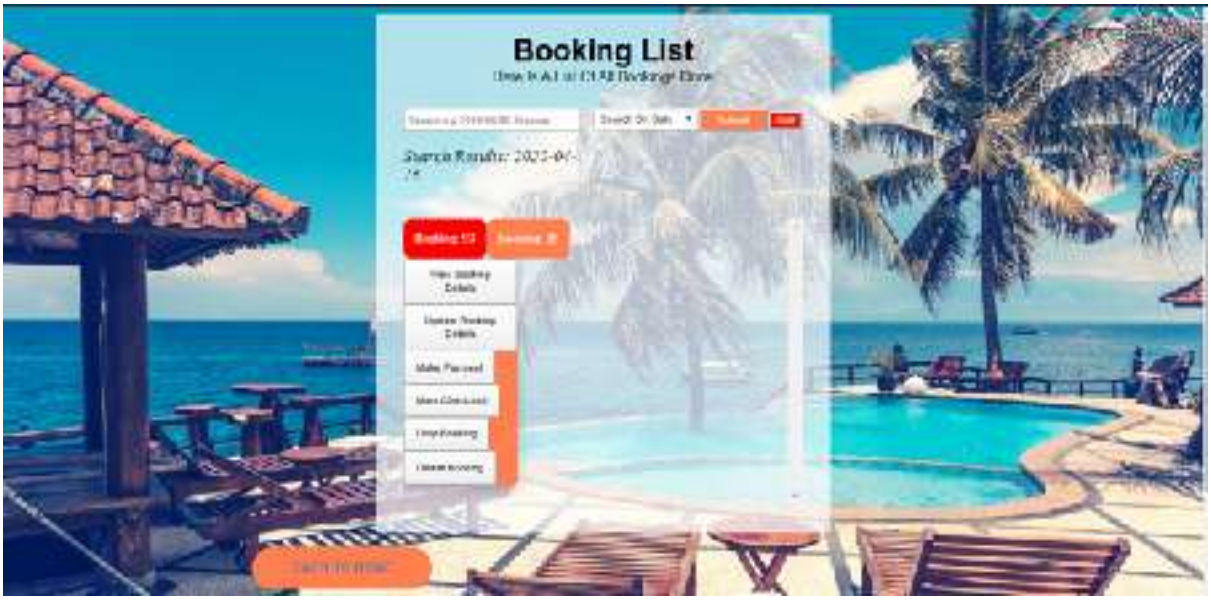
User Story 12

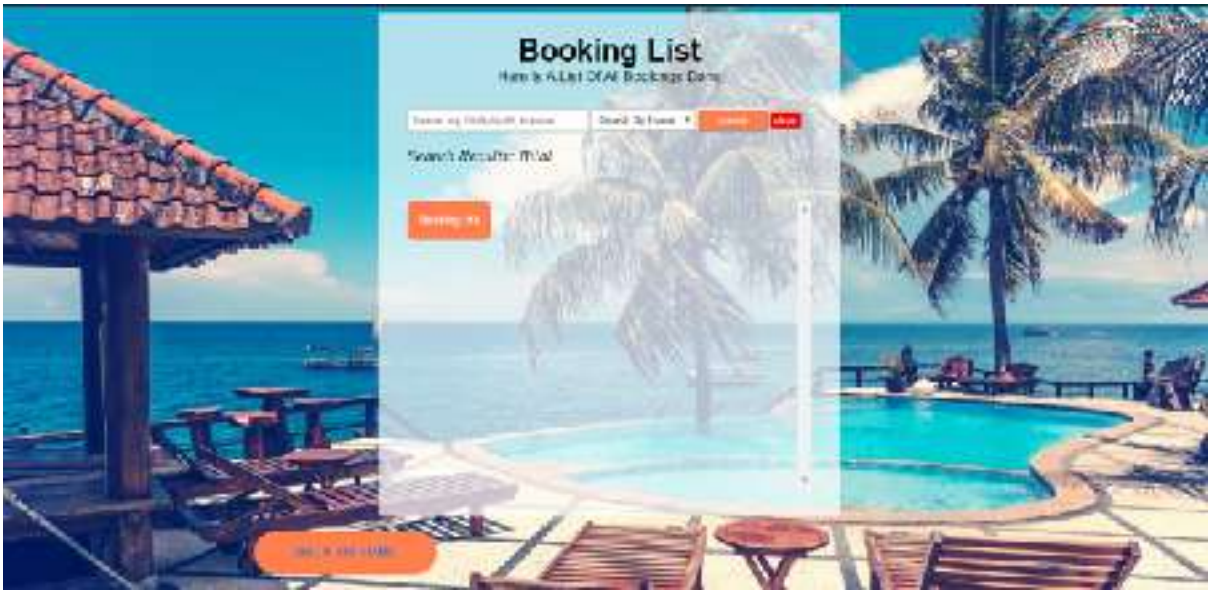
View Bookings

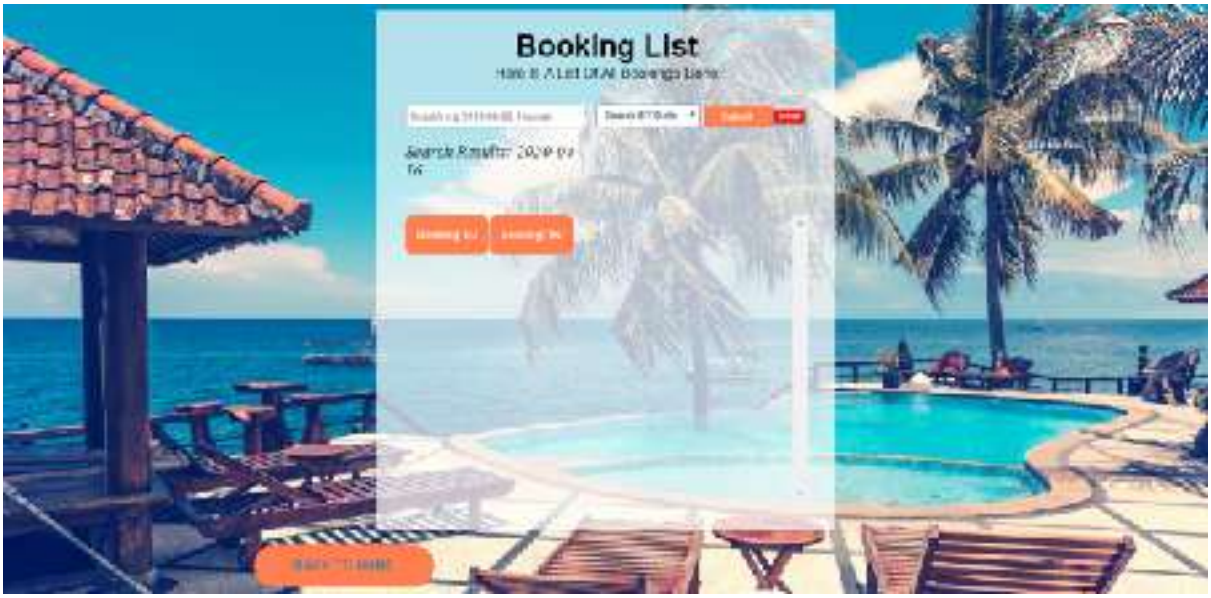
12.1 Search by Name

12.2 Search by Date




Booking List

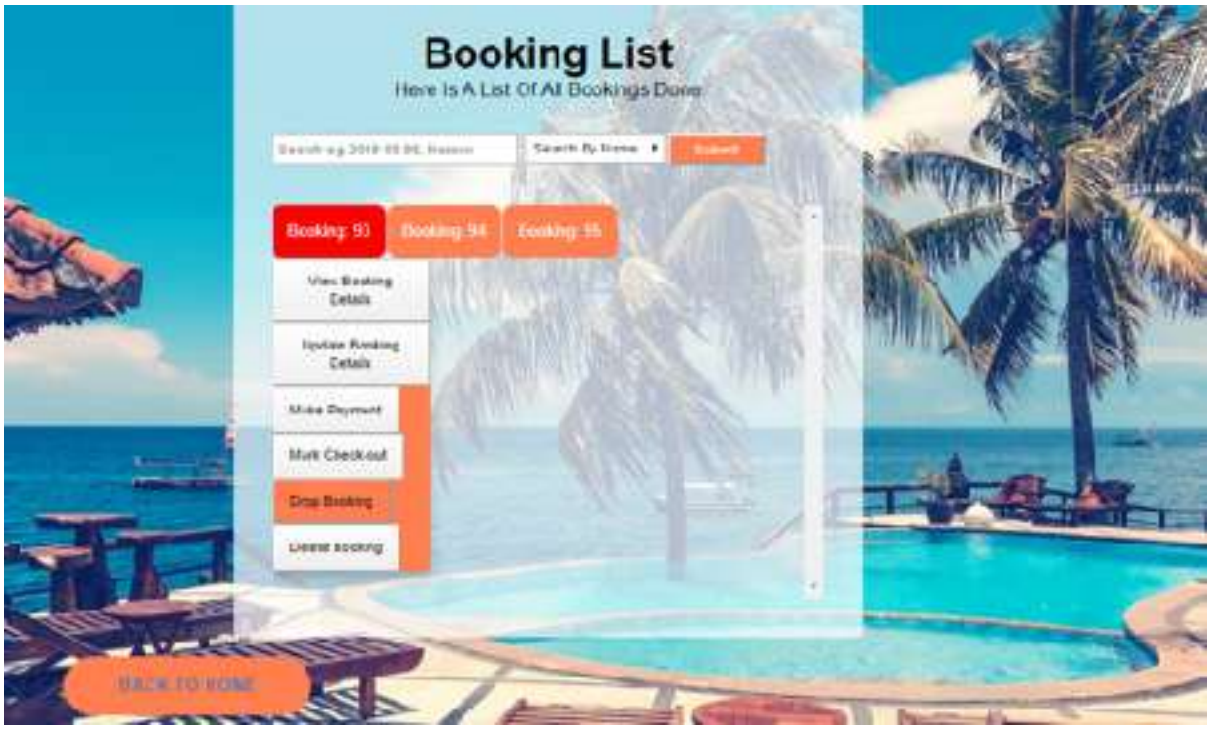

Booking List


Booking List

Booking Details
Check-in Date : April 20, 2020
Booking ID: 91
Customer Name: Talha
Customer's E-mail: talha@outlook.com
Customer CNIC : 3100178045021
Customer Contact: 03078636867
Booking Description: A good booking
Services Allocated: FD-111, LA-132, SP-134,
Booking Active: True
Booking Paid: False
BACK

User Story 13

Drop Booking



User Story 14

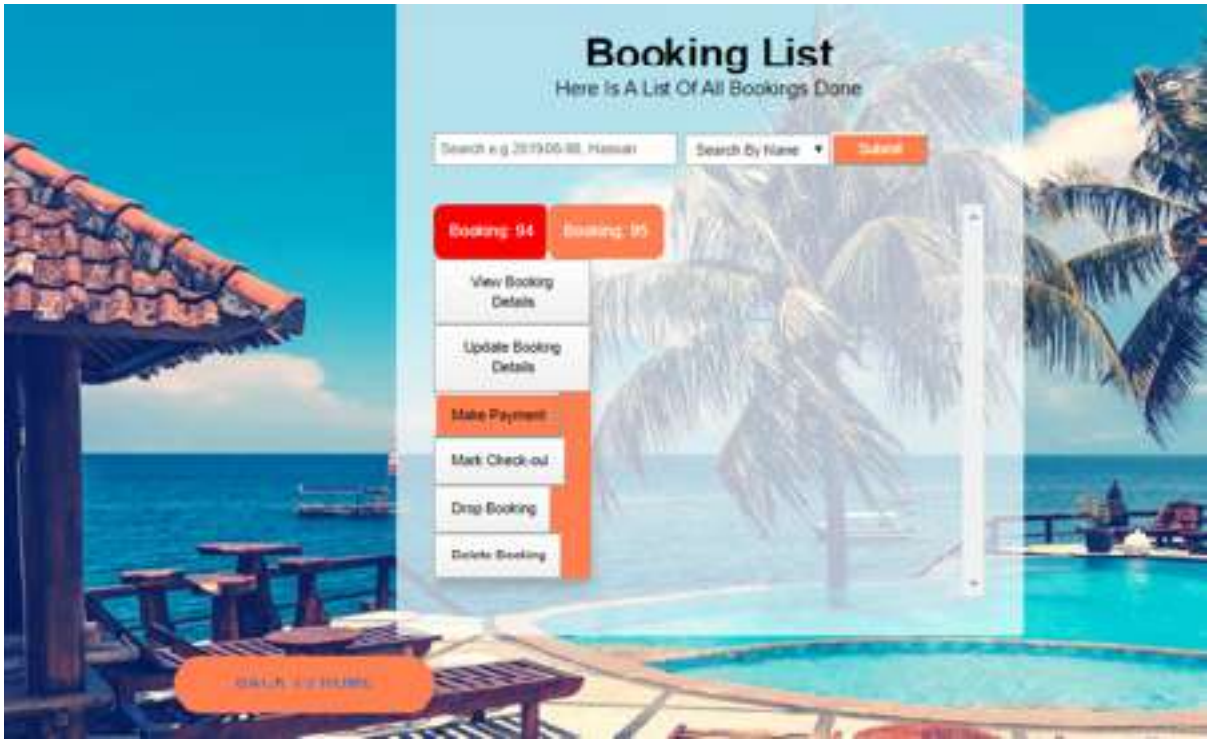
Update/ Edit Booking

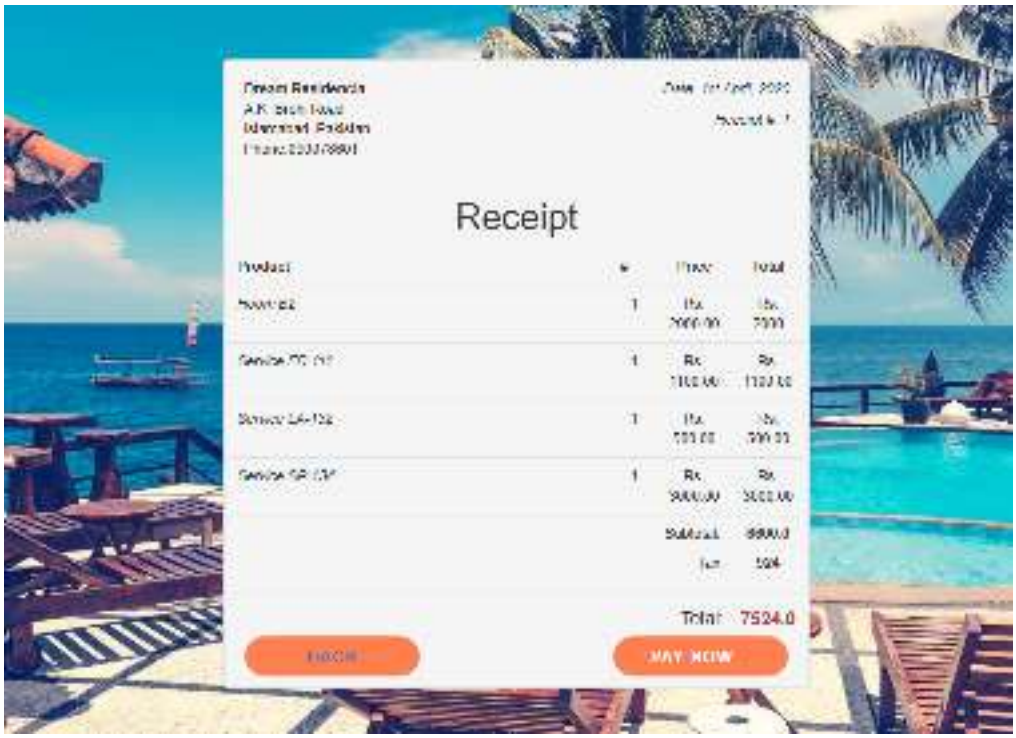
User Story 15

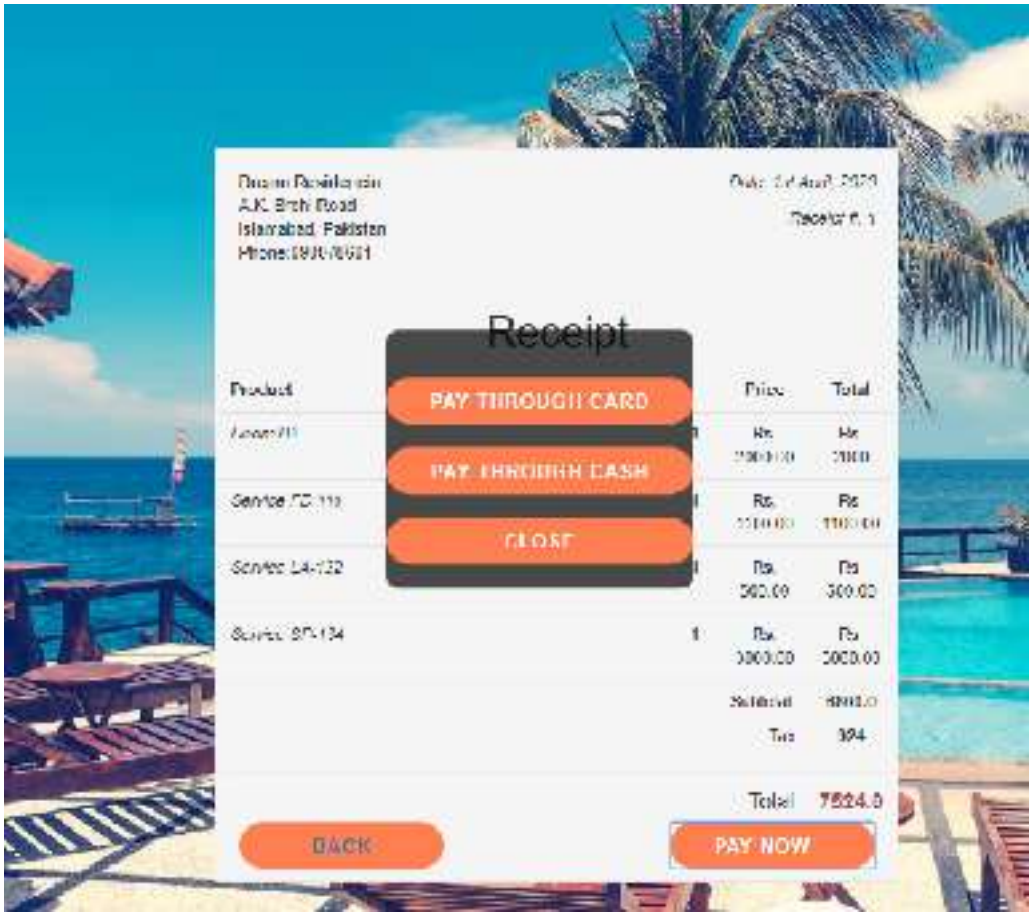
Add Payment

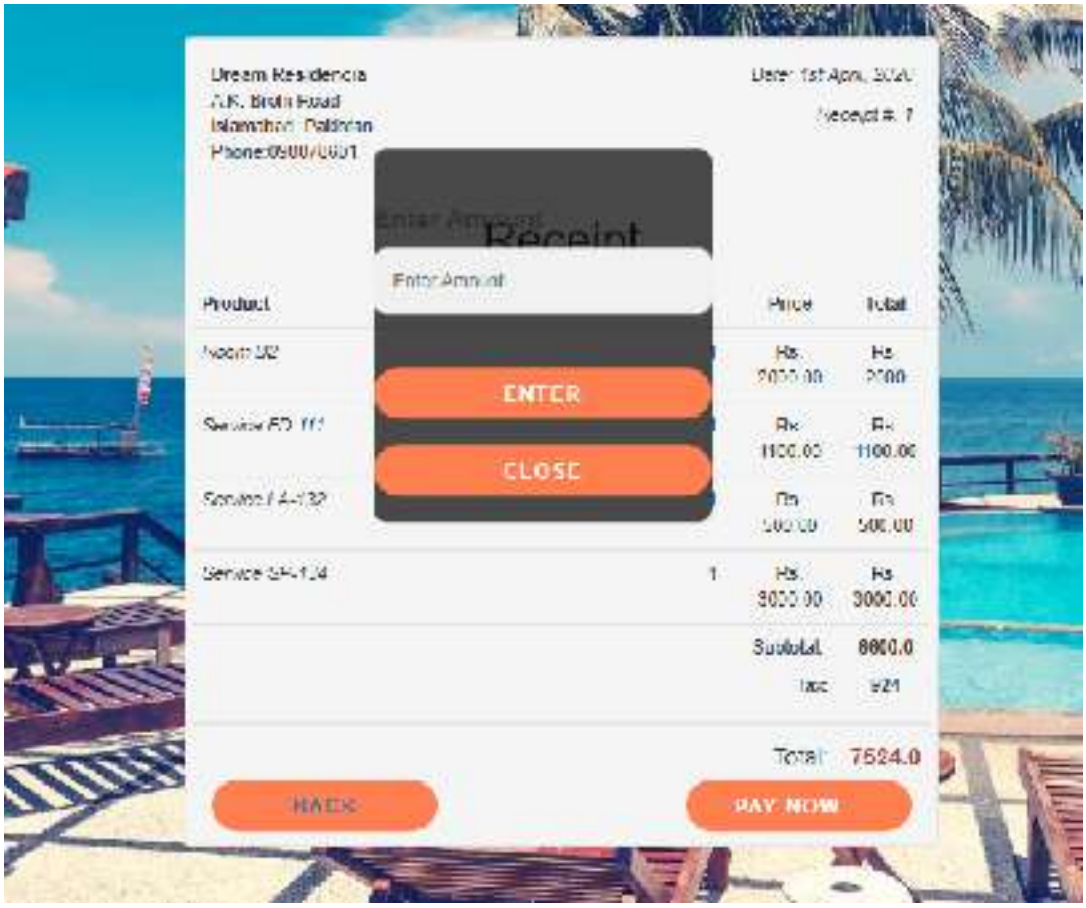
15.1 Pay by card

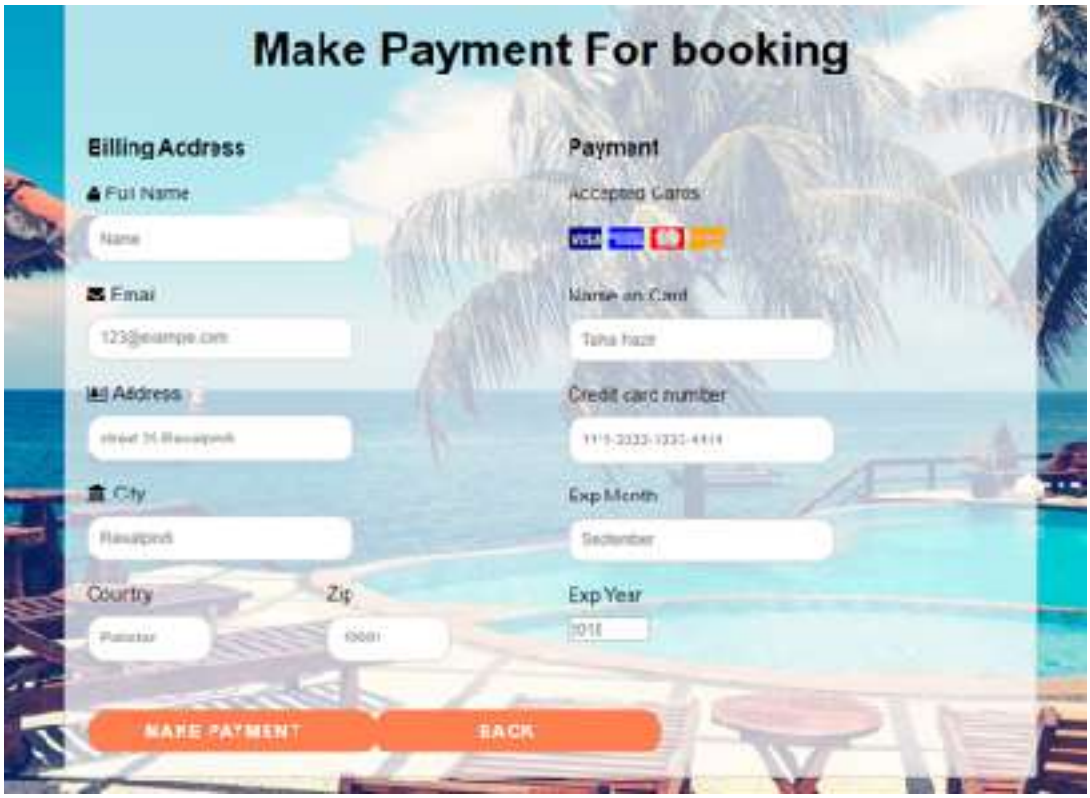
15.2 Pay by cash


Booking List
Here Is A List Of All Bookings Done
Search By Name
Submit
Booking: 94
Booking: 95
View Booking Details
Update Booking Details
Make Payment
Mark Check-out
Drop Booking
Delete Booking


Receipt
Total 7524.0
PAY NOW

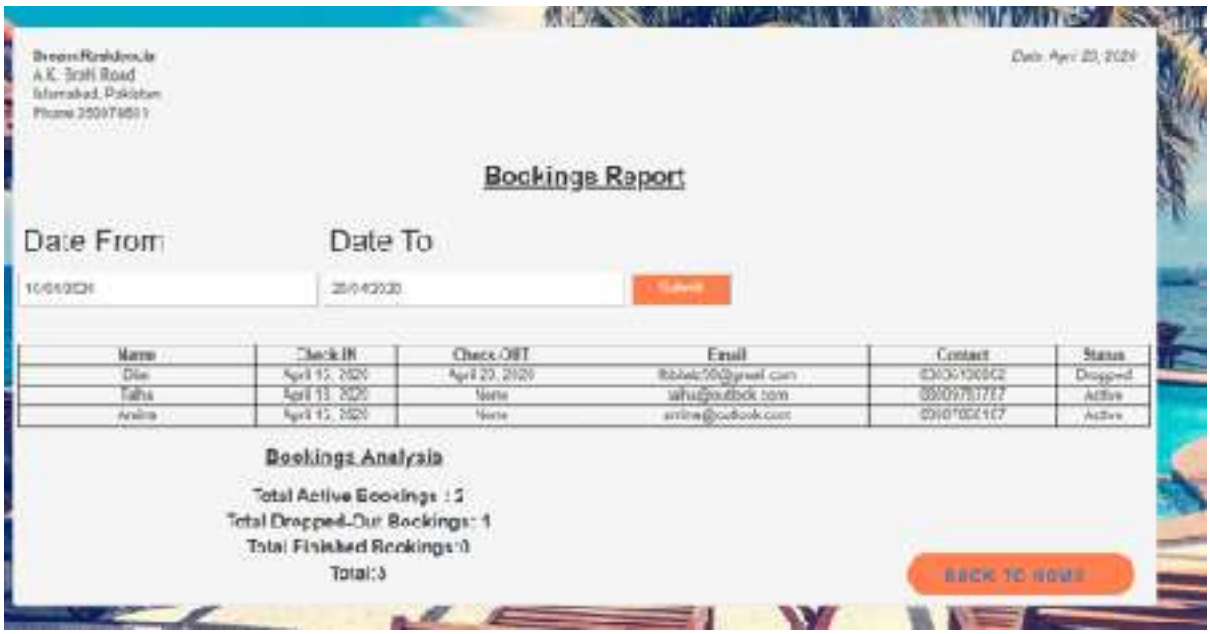

Receipt
PAY THROUGH CARD
CLOSE
Total 7524.0
BACK
PAY NOW


Dream Residencia
Receipt
Enter Amount
ENTER
CLOSE
Product
Price
Total
BACK
PAY NOW


Make Payment For booking
Billing Address
Full Name
Email
Address
City
Country
Zip
Payment
Accepted Cards
Name on Card
Credit card number
Exp Month
Exp Year
MAKE PAYMENT
BACK

User Story 16

Booking Report



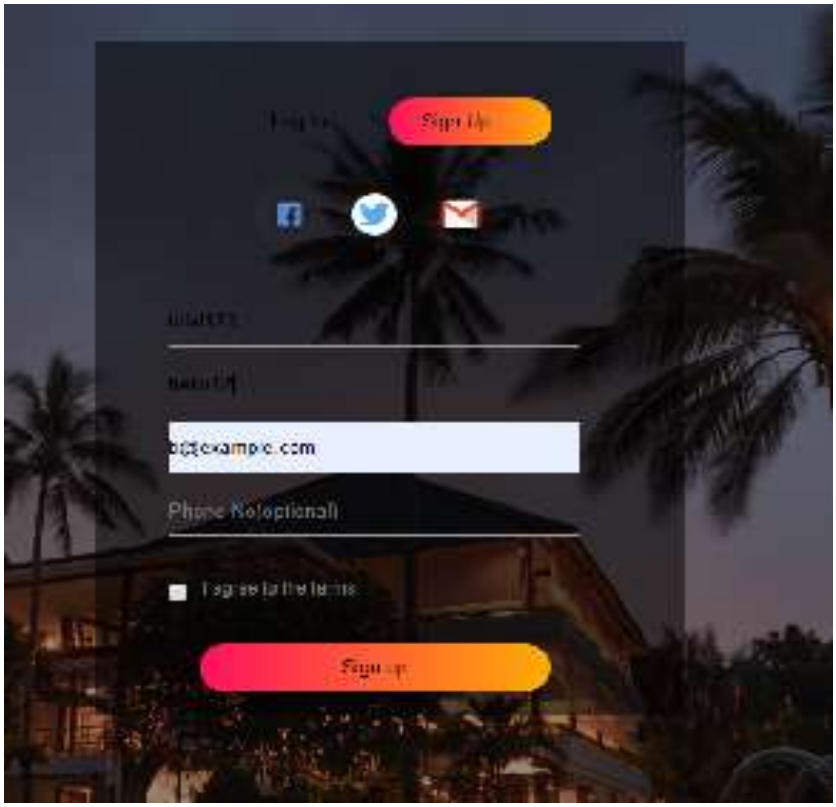
User Story 17

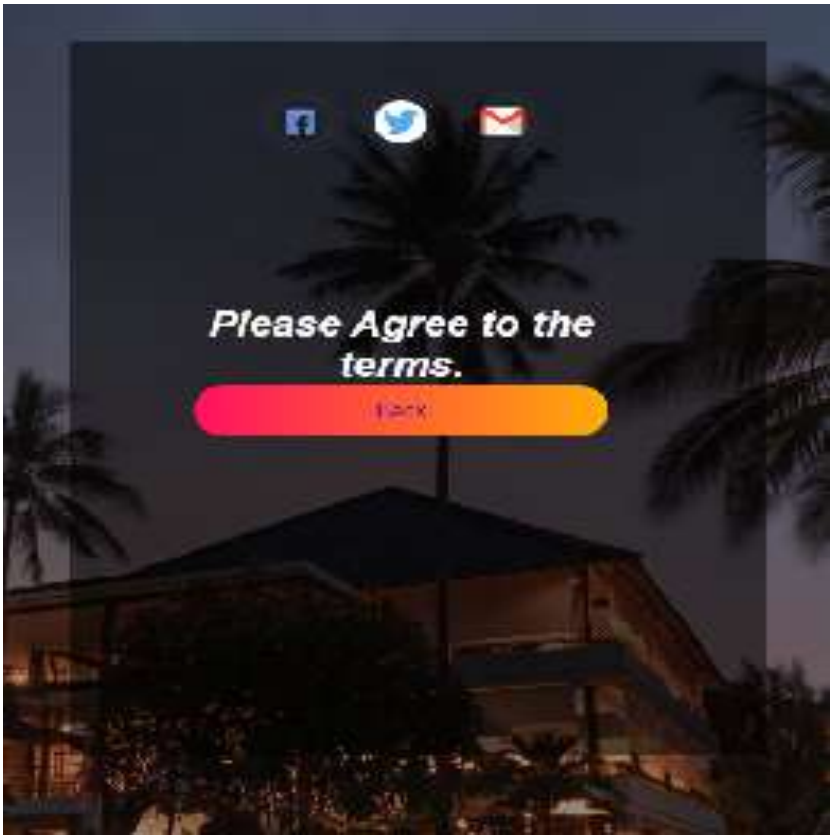
Finance Report

TEST CASES

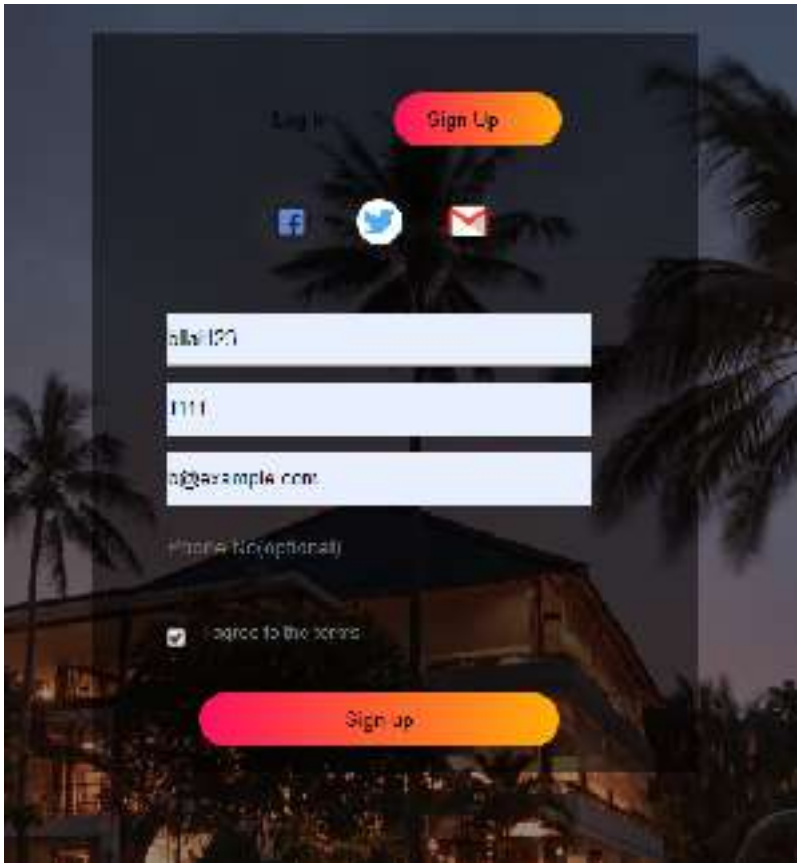
User Story 1

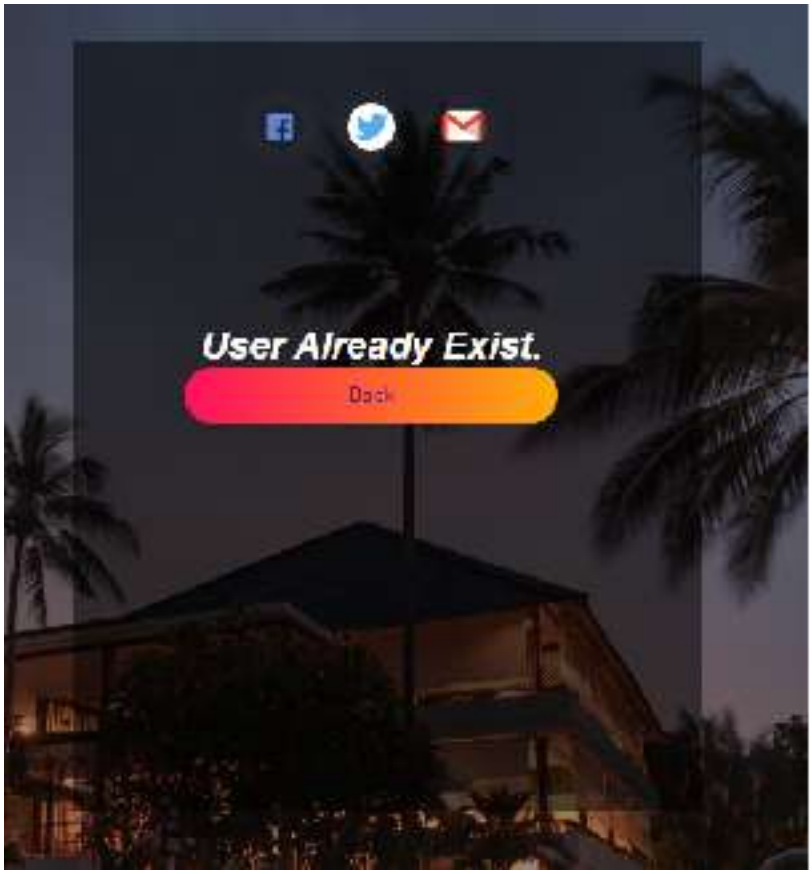
Uncheck terms box so Account is not created



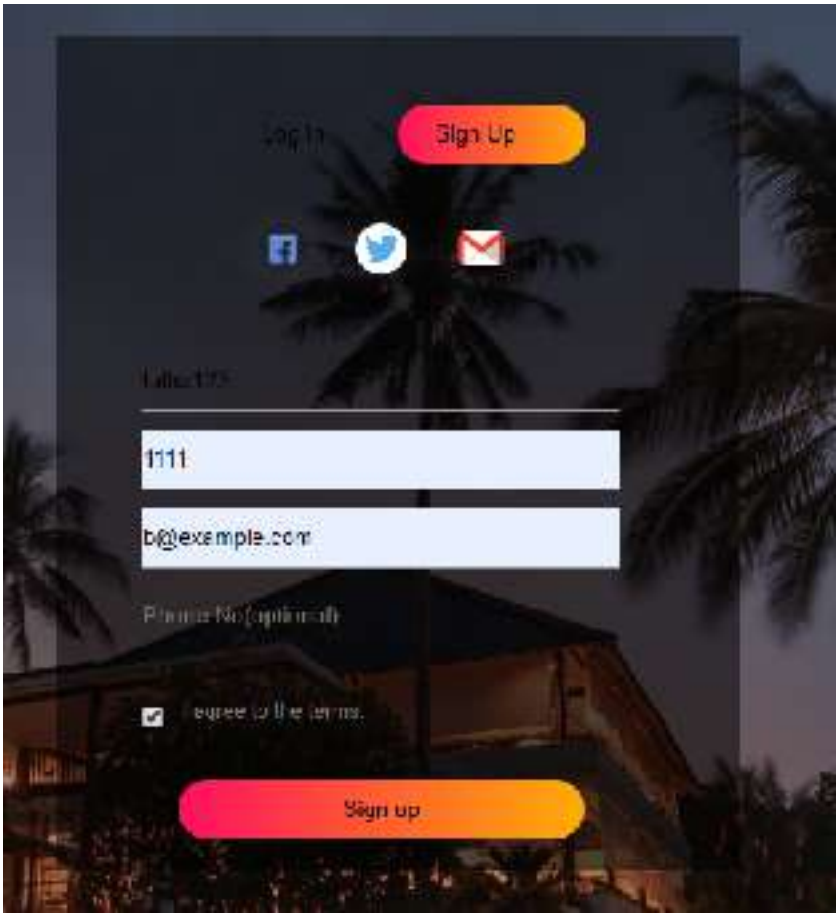


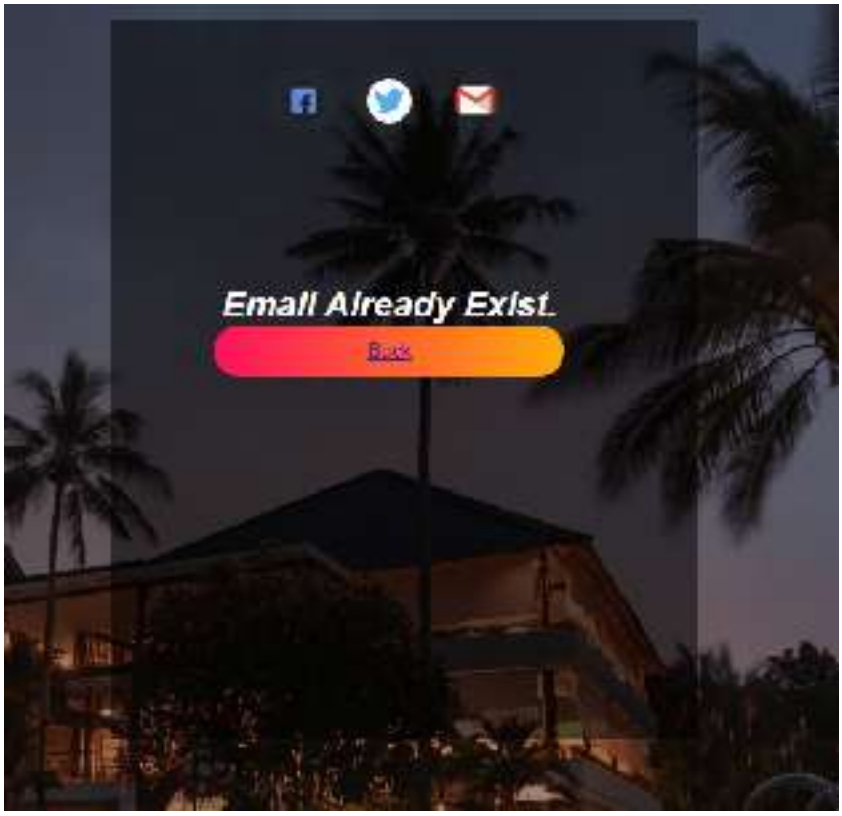
User Already Exist



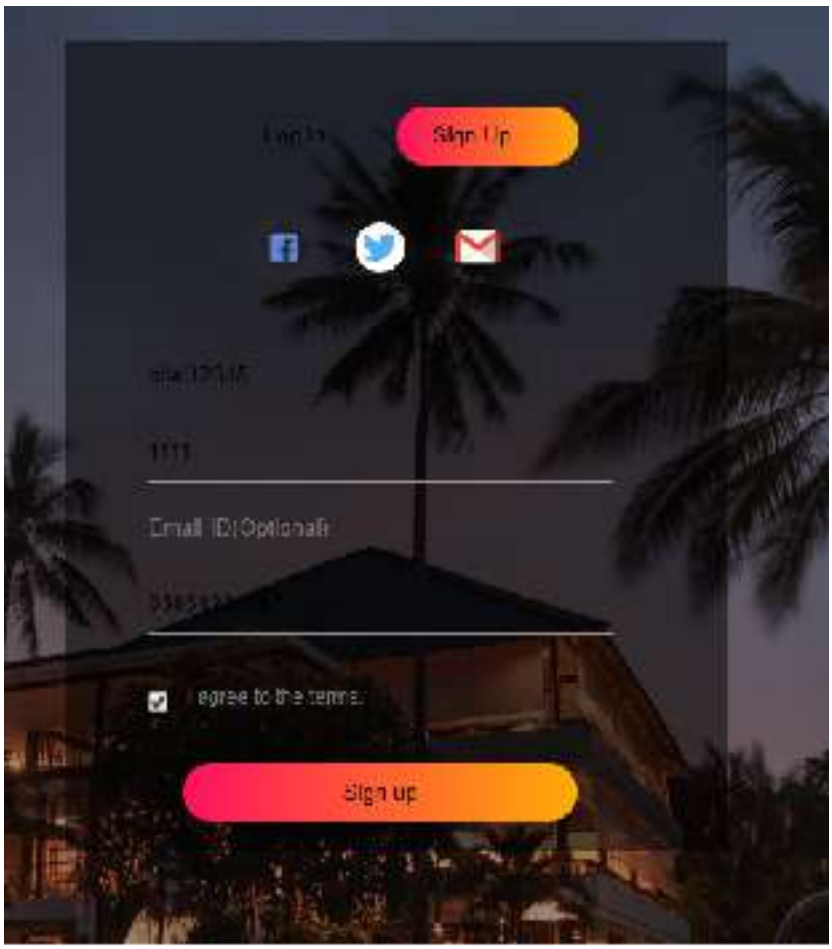


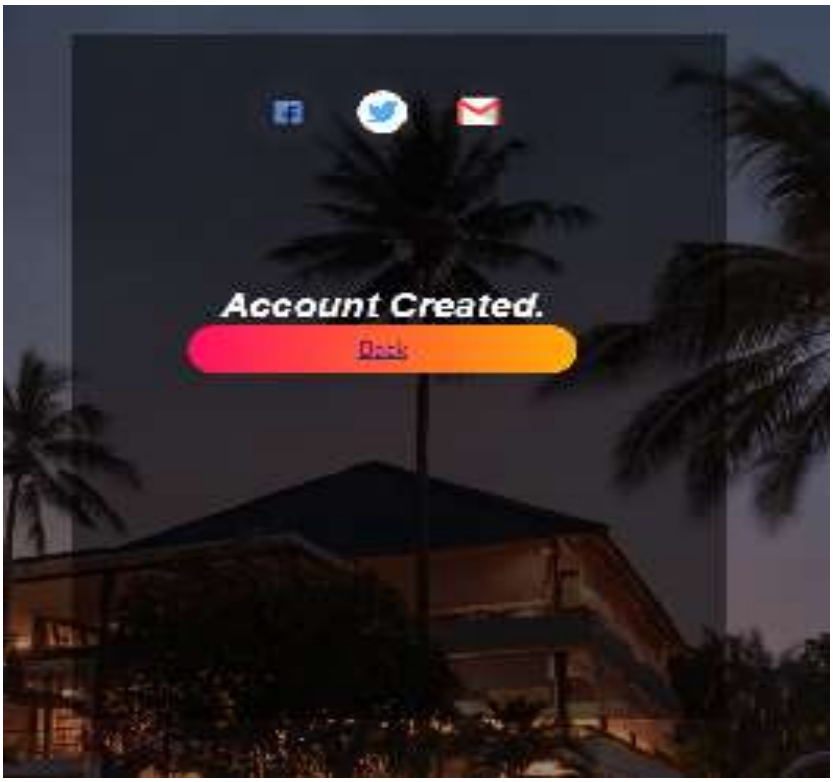
Email Already Exists



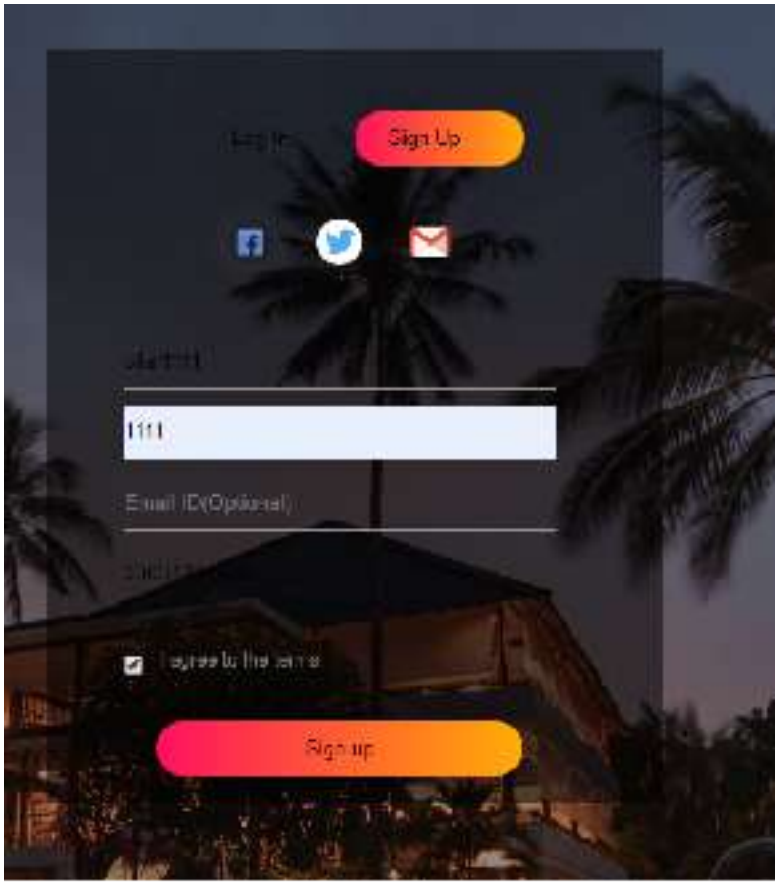


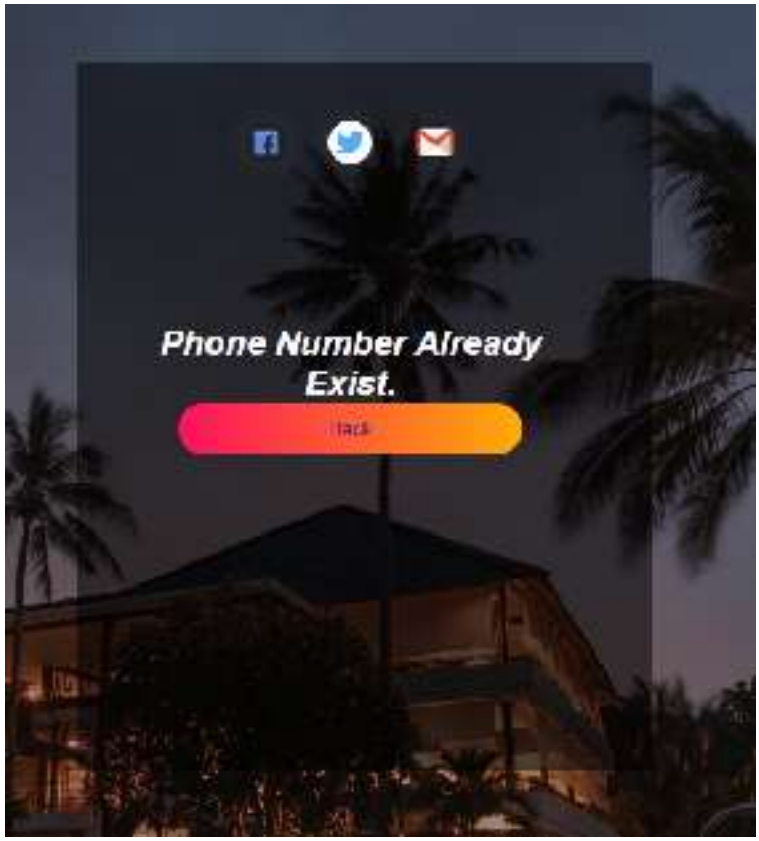
Account Creation Using Phone No.





Phone Already Exist.

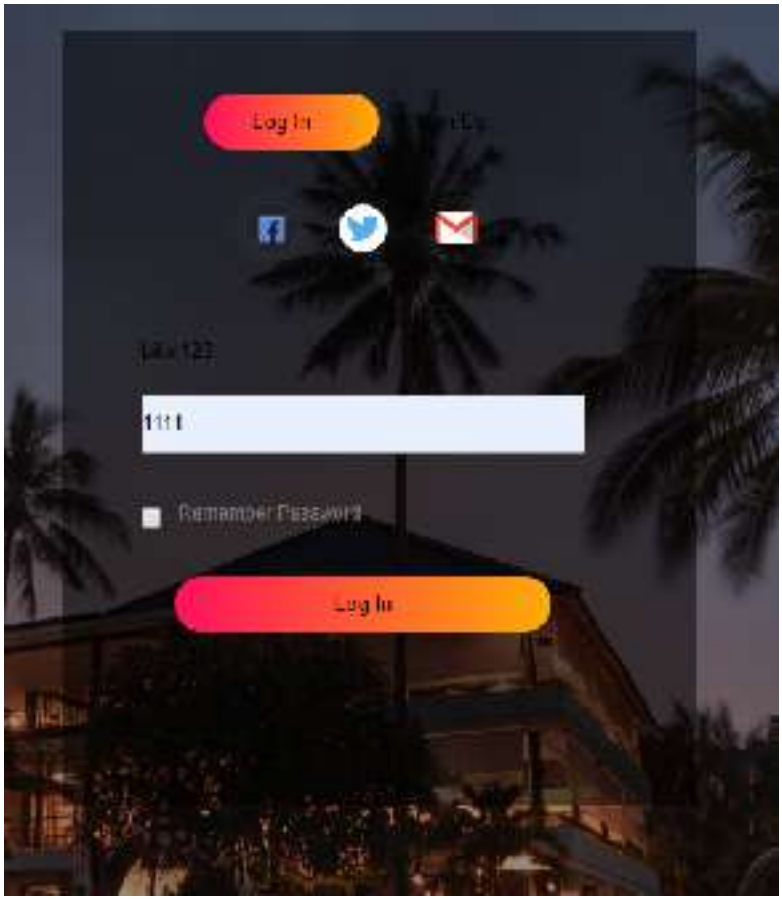


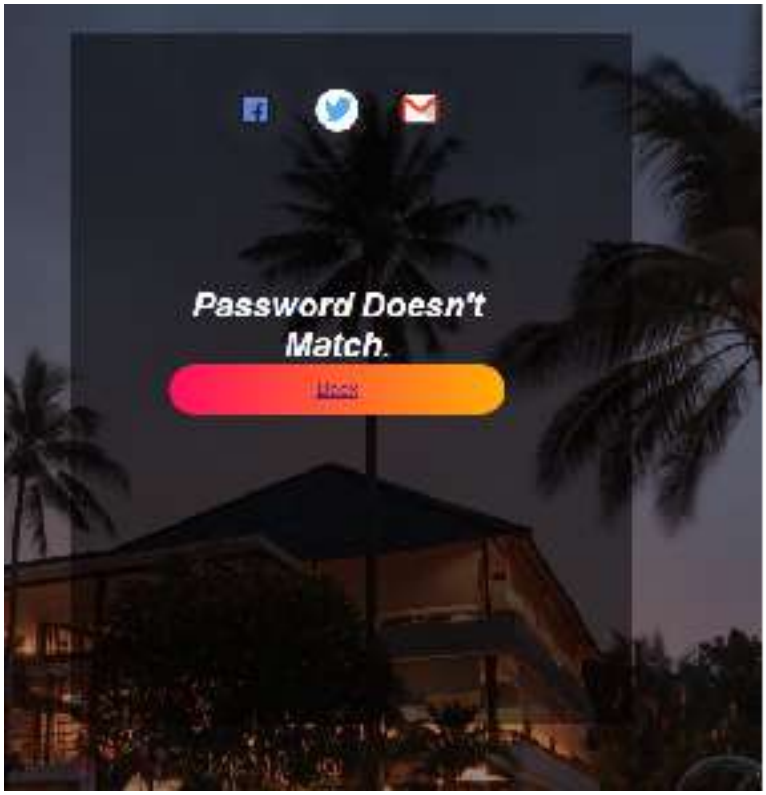


User Story 2

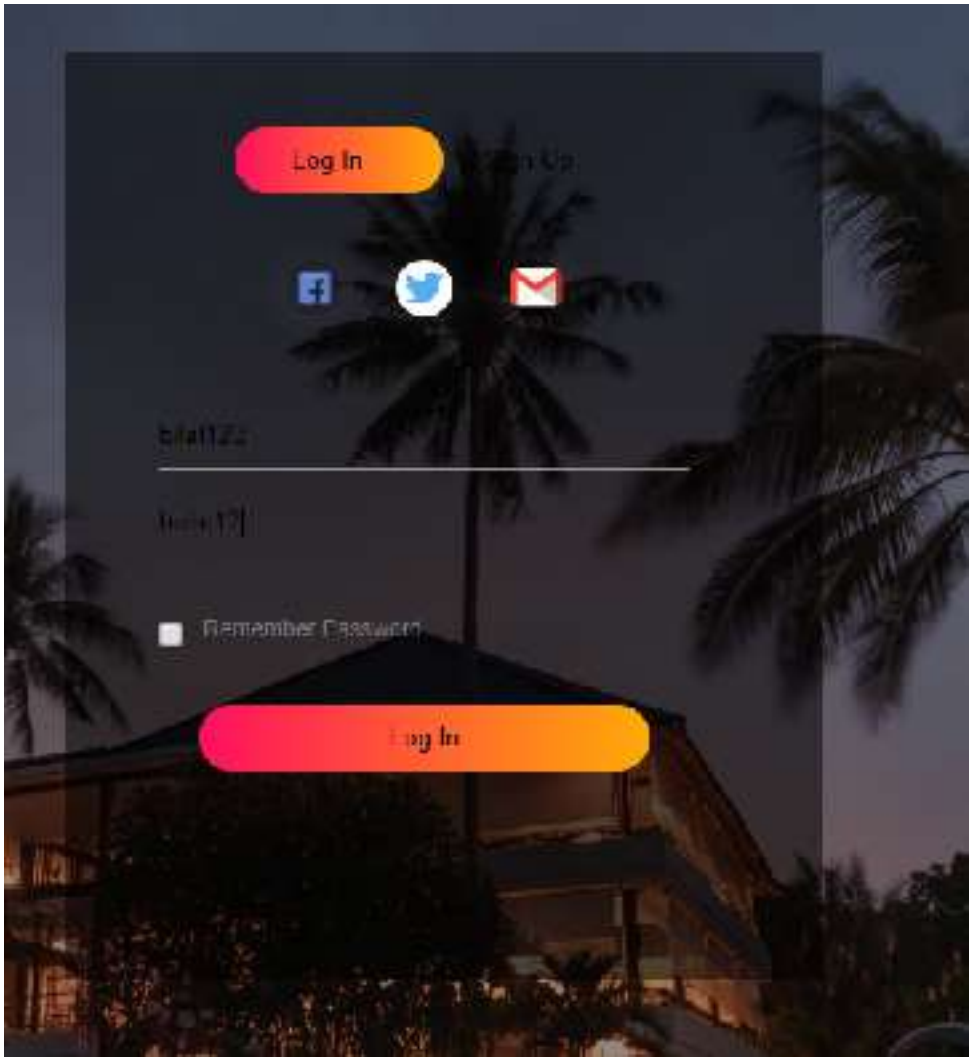
User Doesn't Exist

User Exist but password doesn’t match



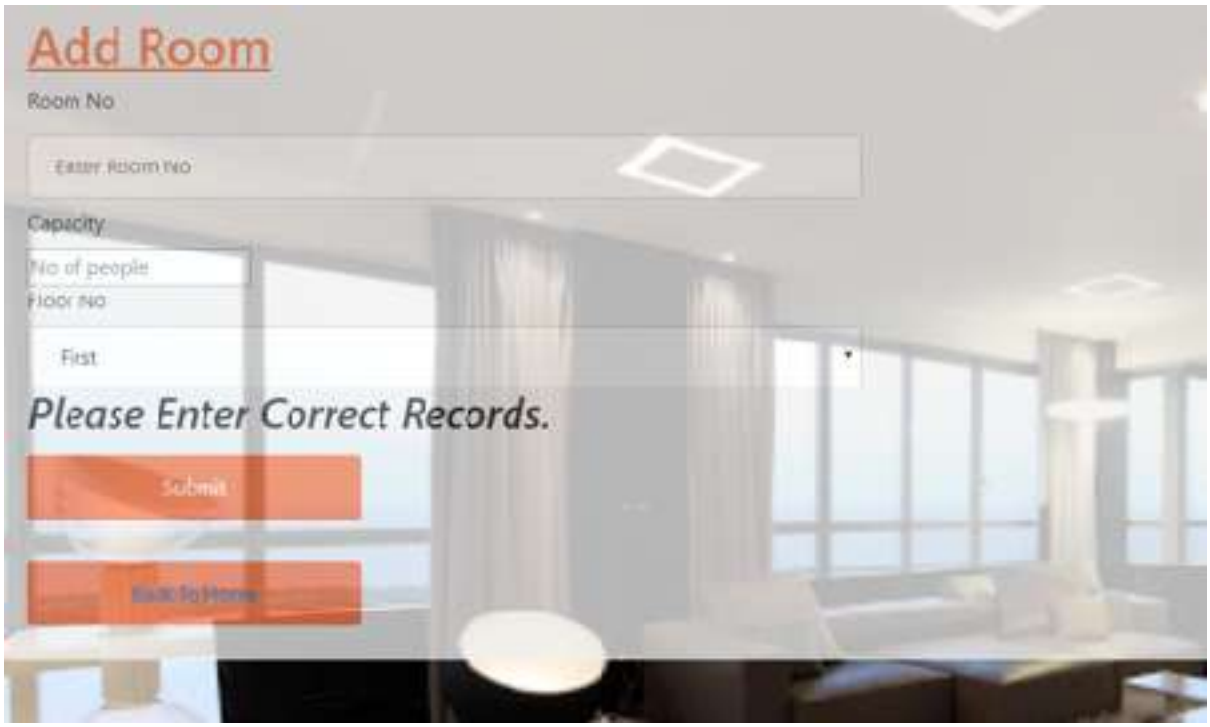


User Logged In

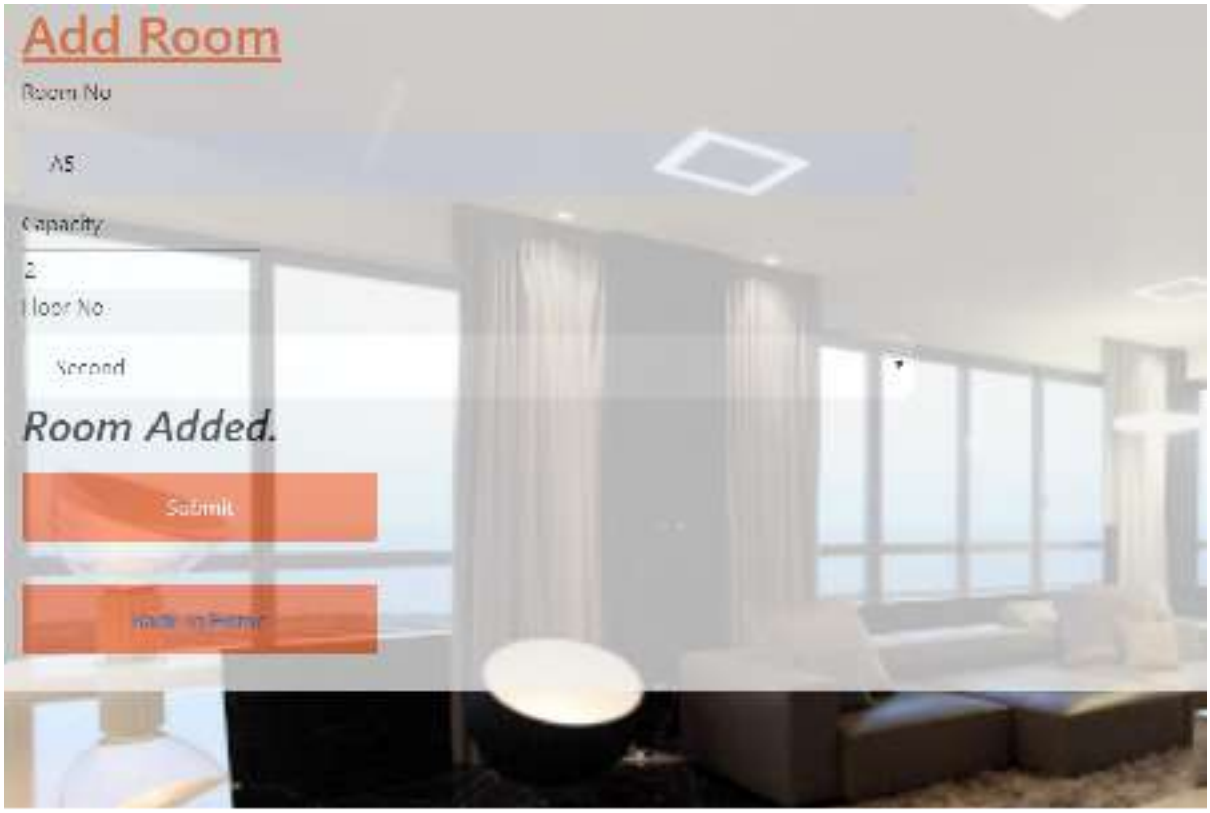

Log In
Remember Password

User Story 3

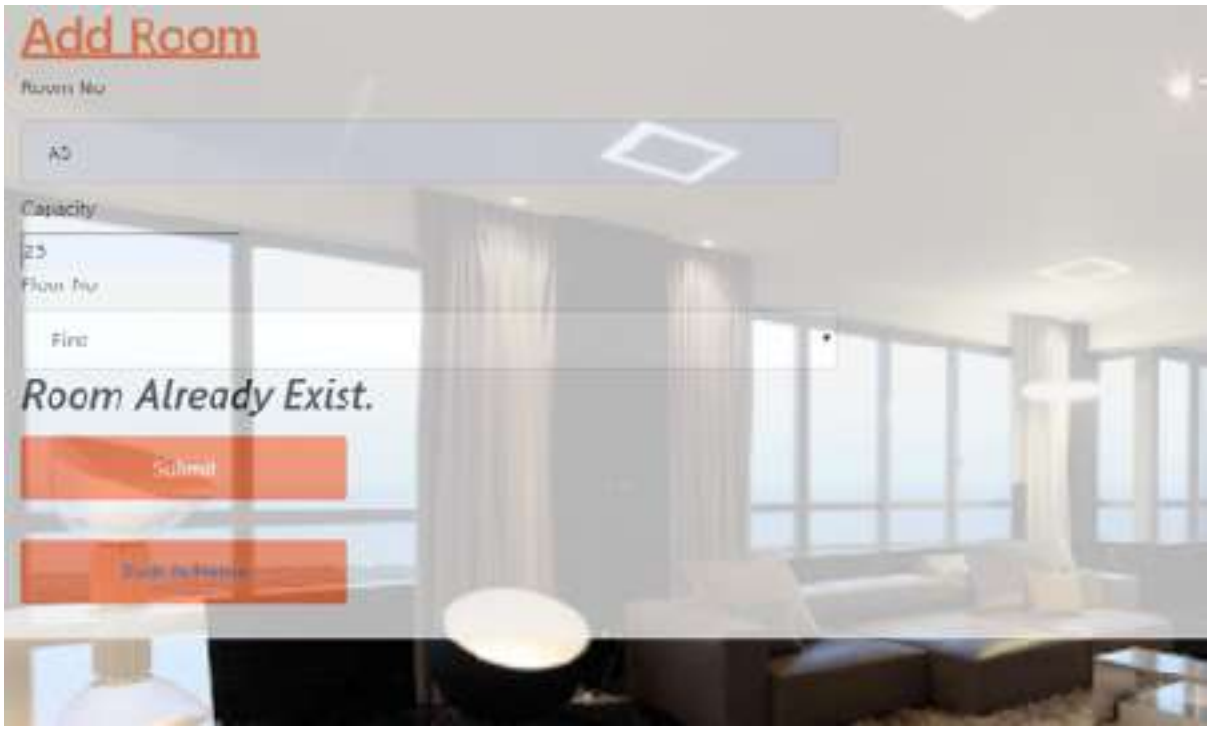
Enter correct record to add a room



Room Added



Room Already Exist



User Story 4

Room Doesn’t Exis

User Story 5

Room Doesn’t Exist

1 Room Doesn’t Exist

User Story 6

Enter Id to ADD Service

Service Already Exist

Service Added

User Story 7

Service Doesn't Exist to Update

Service Updated

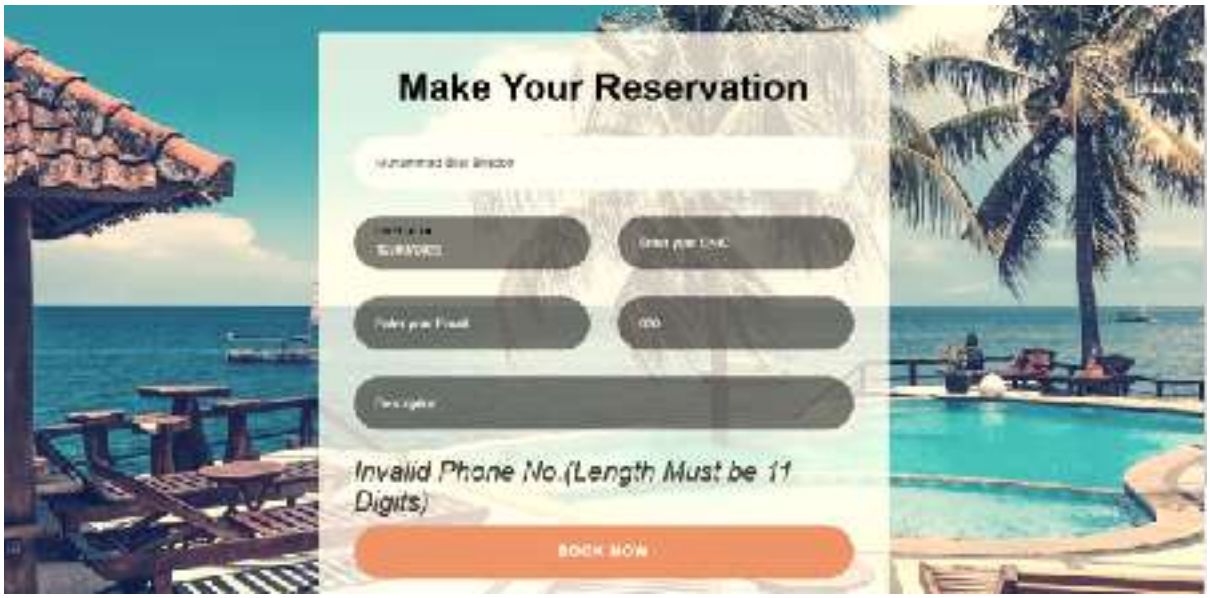
User Story 8

Service Doesn't Exist to Remove

Service Deleted

User Story 11

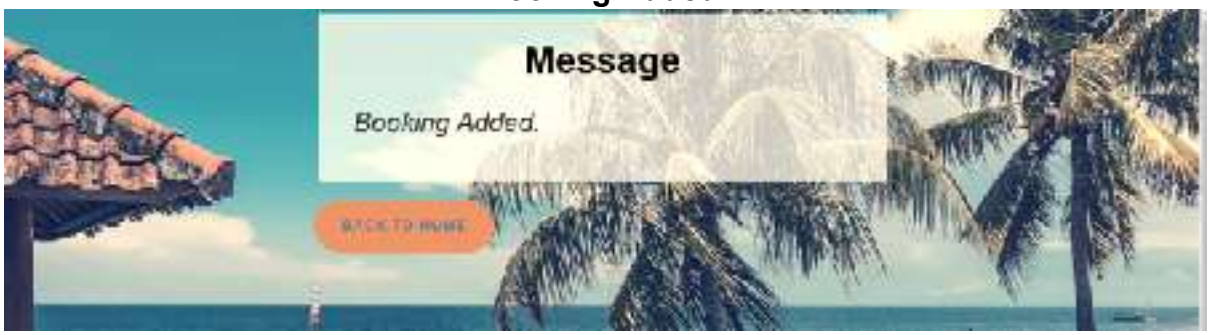
Phone No. Length must be greater than 11 digits



CNIC Length Must be greater than 13 digits

Select At least 1 room to make a booking (1 to Many Relationship)

Booking Added.

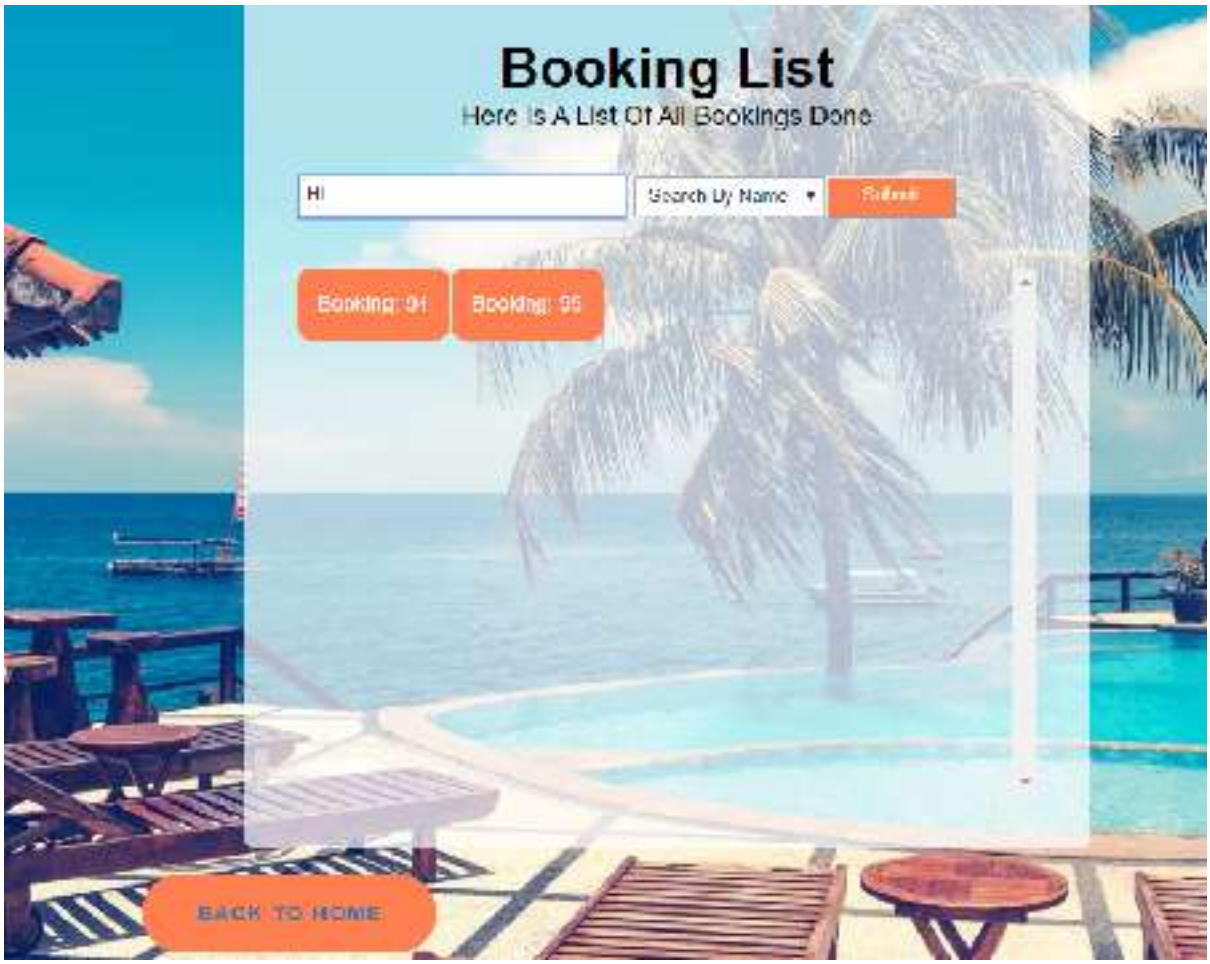


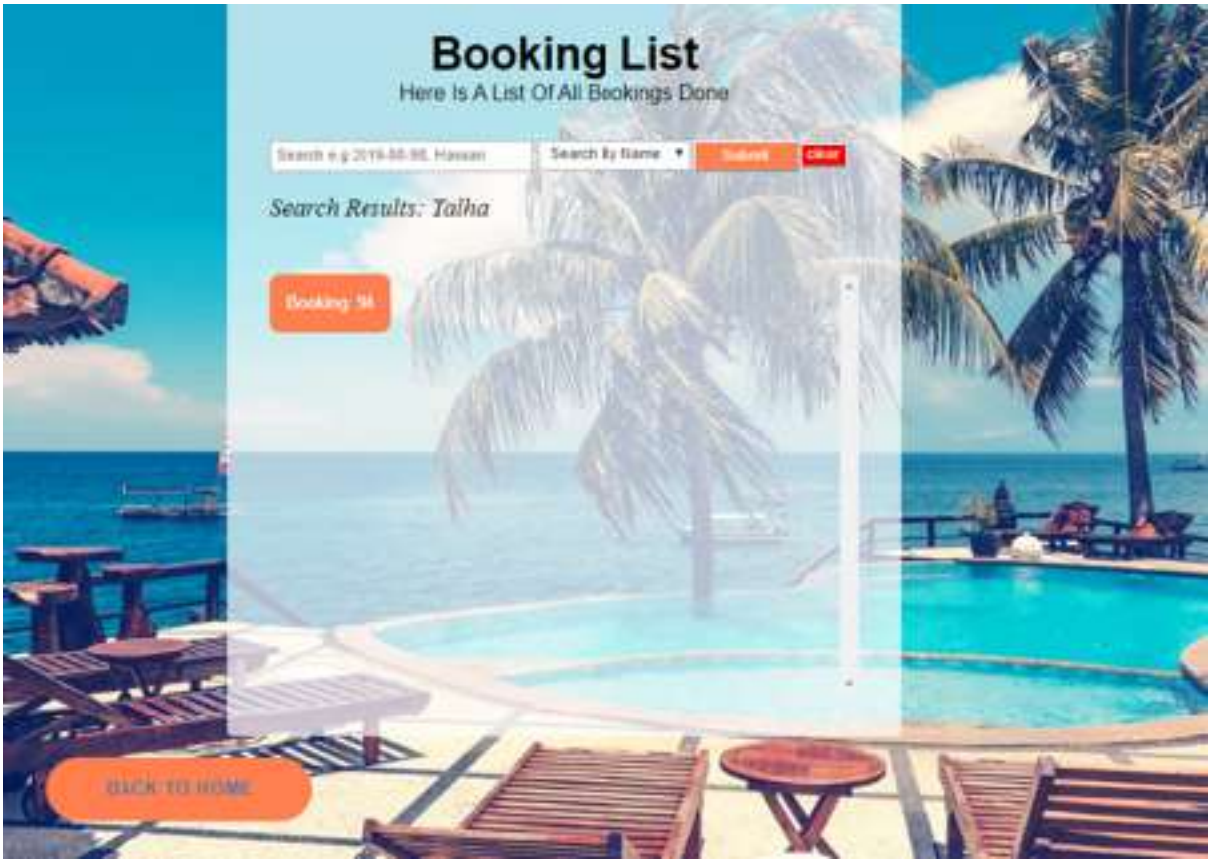
User Story 12

Sub User Story 12.1

Search Booking By Name

- **If name not found, throw message.**
- **Show records that contains the search text**

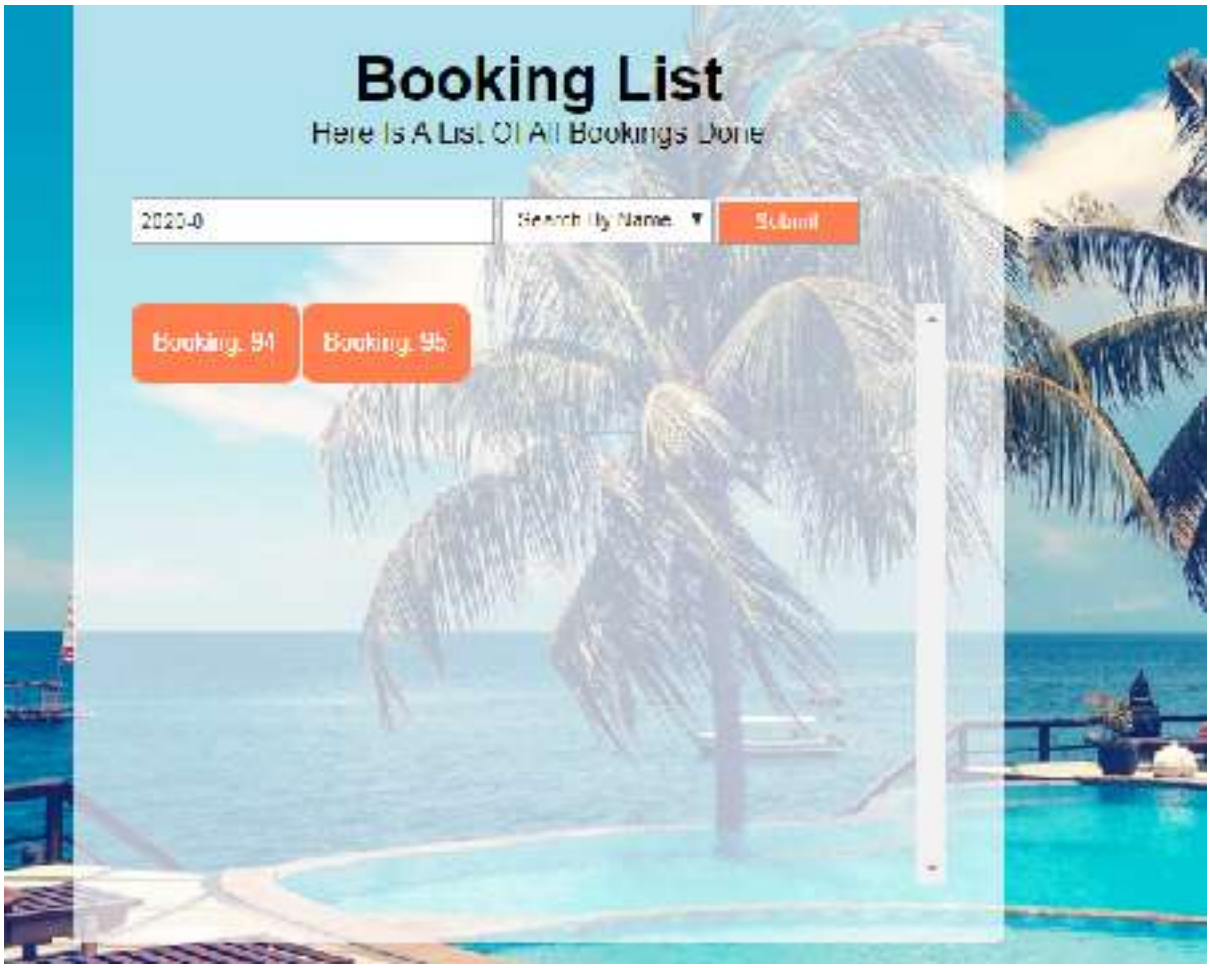


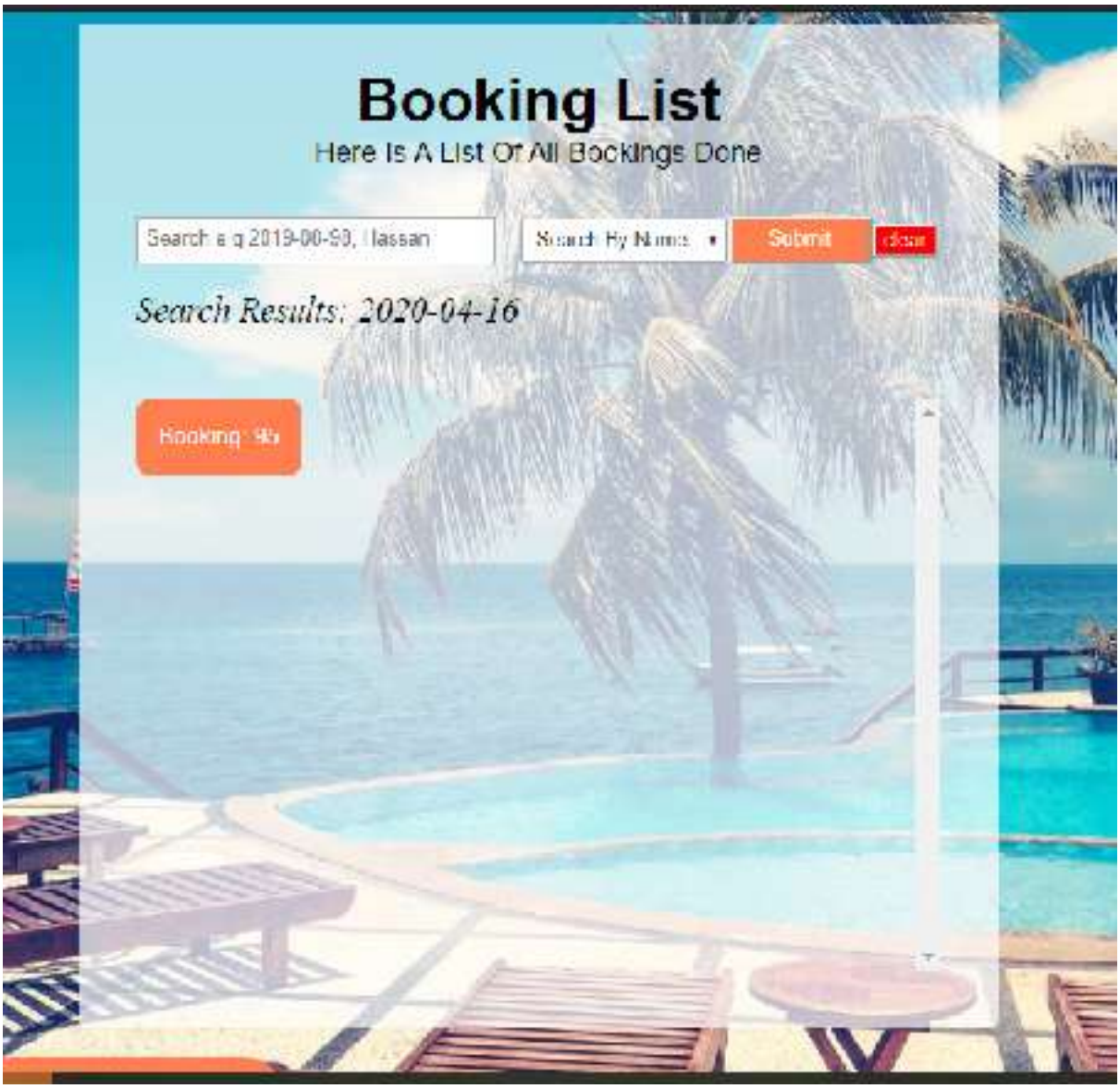

Booking List
Here Is A List Of All Bookings Done
Search By Name
Search Results: Talha
BACK TO HOME

Sub User Story 12.2

Search Booking Date

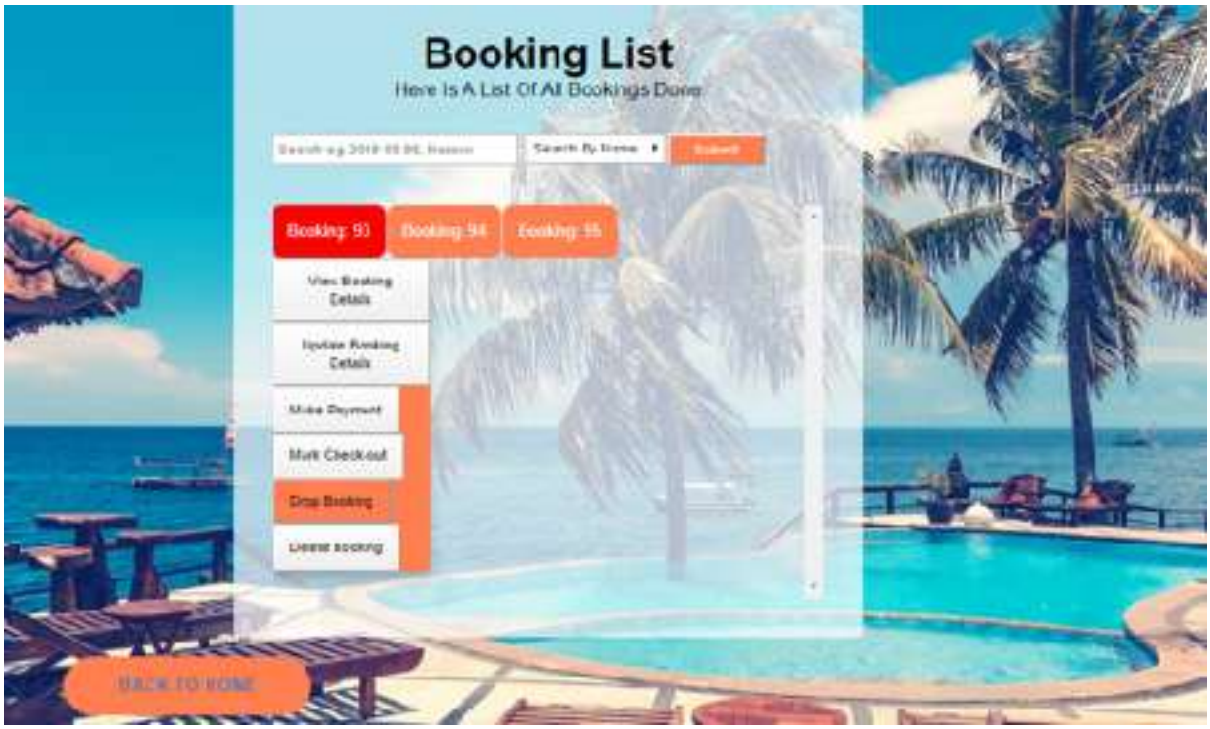
- **If format is incorrect, throw error message**
- **Shows record that was checked-in on the given date**




Booking List
Here Is A List Of All Bookings Done
Search e.g 2019-00-99, Hassan
Search By Names
Submit
close
Search Results: 2020-04-16
Booking No

User Story 13

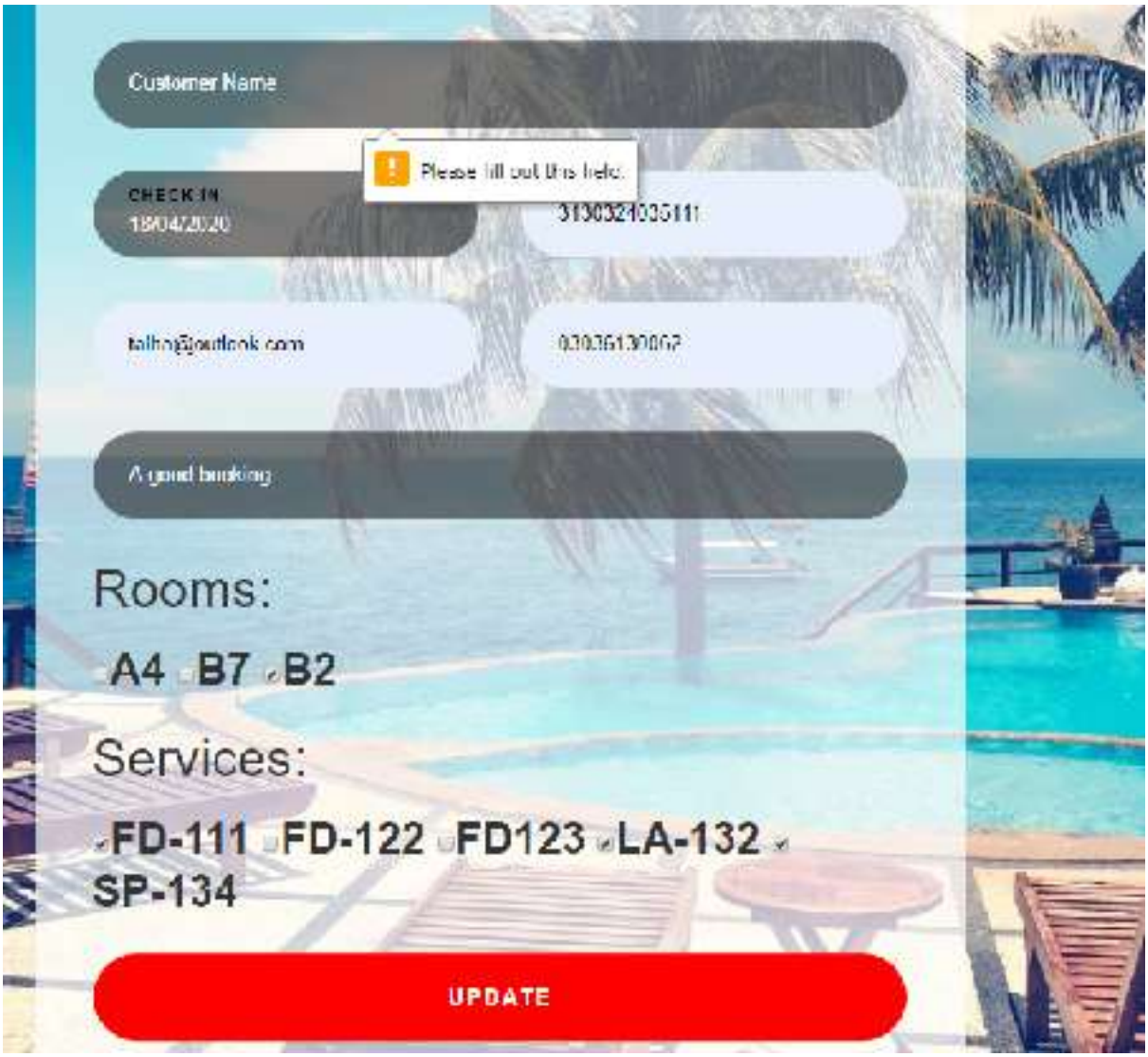
Drop Booking

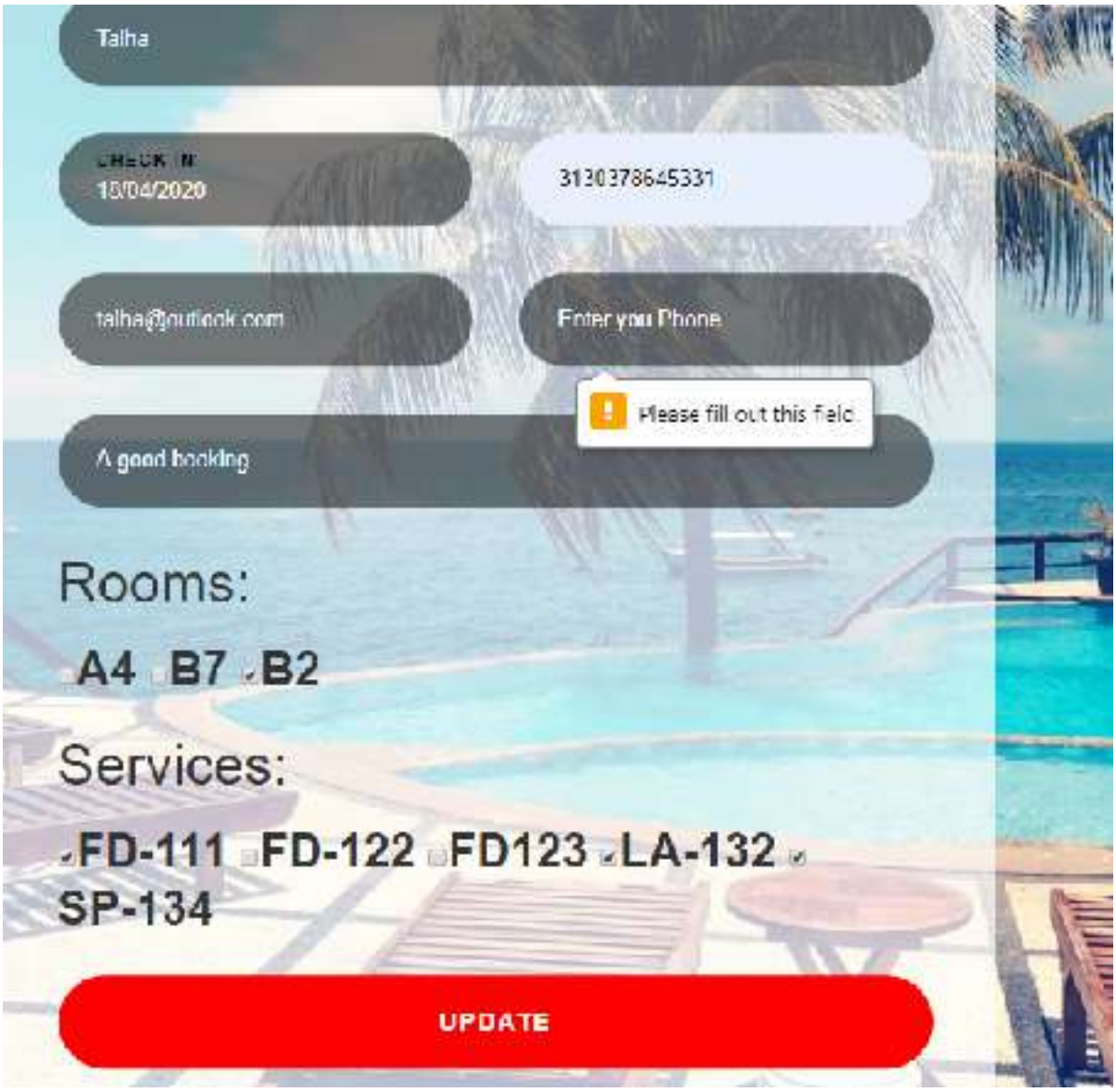


User Story 14

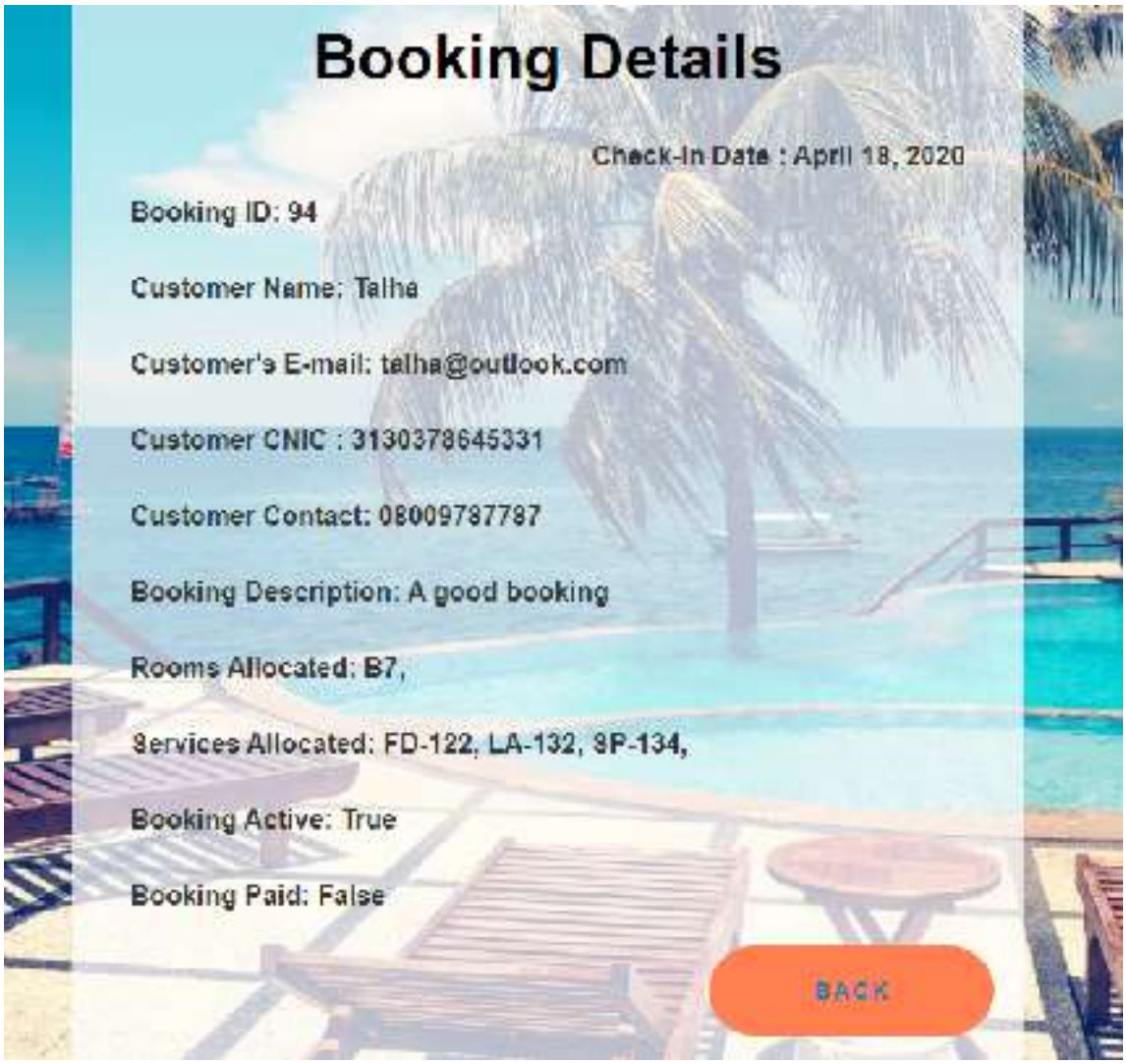
Update Booking

- **Before updating**


Customer Name
Please fill out this field.
CHECK IN
18042020
talhaj@outlook.com
A good booking
Rooms:
A4 B7 B2
Services:
FD-111 FD-122 FD123 LA-132
SP-134
UPDATE

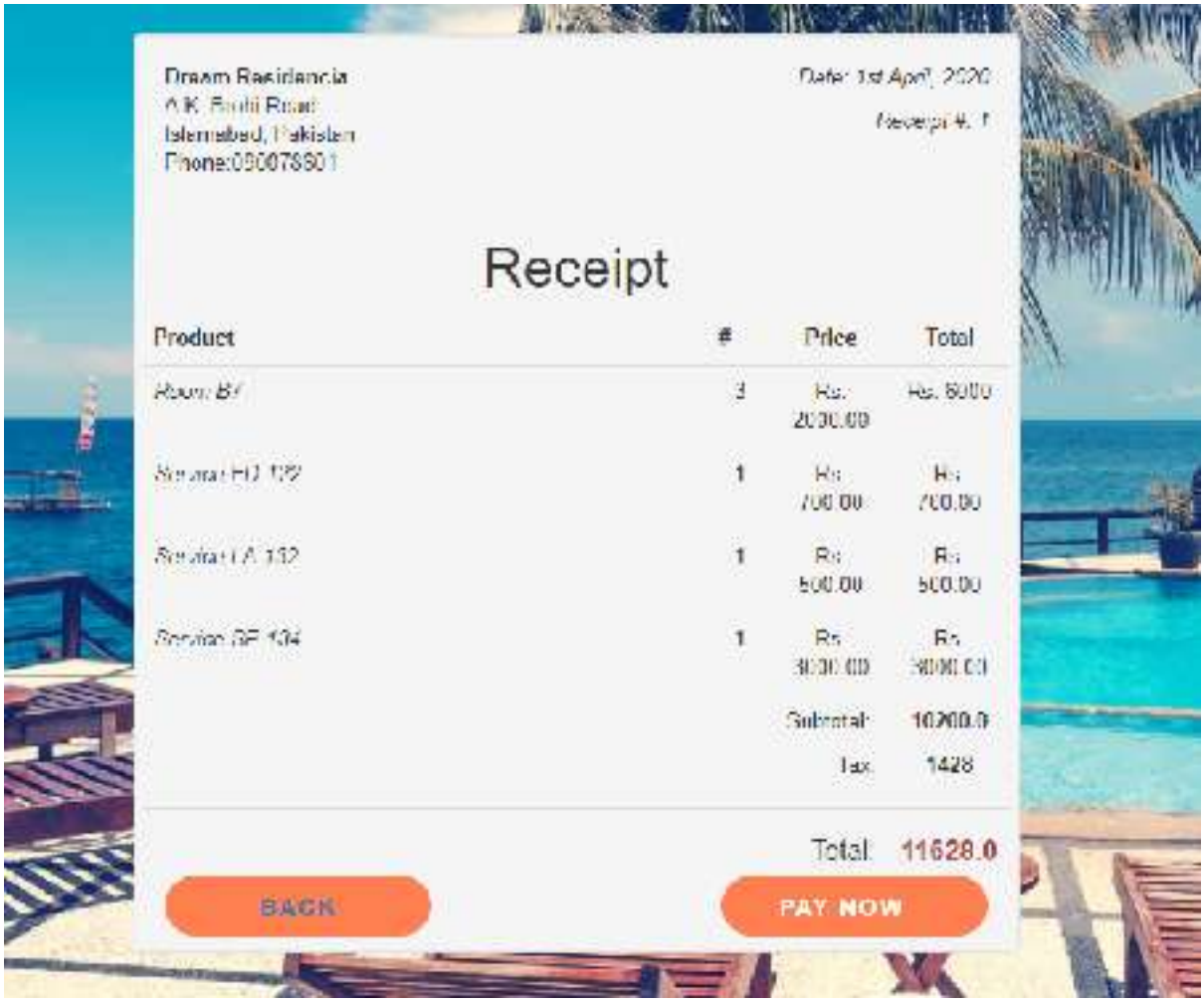


- **After updating**


Booking Details
Check-In Date : April 18, 2020
Booking ID: 94
Customer Name: Talha
Customer's E-mail: talha@outlook.com
Customer CNIC : 3130378645331
Customer Contact: 08009787787
Booking Description: A good booking
Rooms Allocated: B7,
Services Allocated: FD-122, LA-132, SP-134,
Booking Active: True
Booking Paid: False
BACK

User Story 15

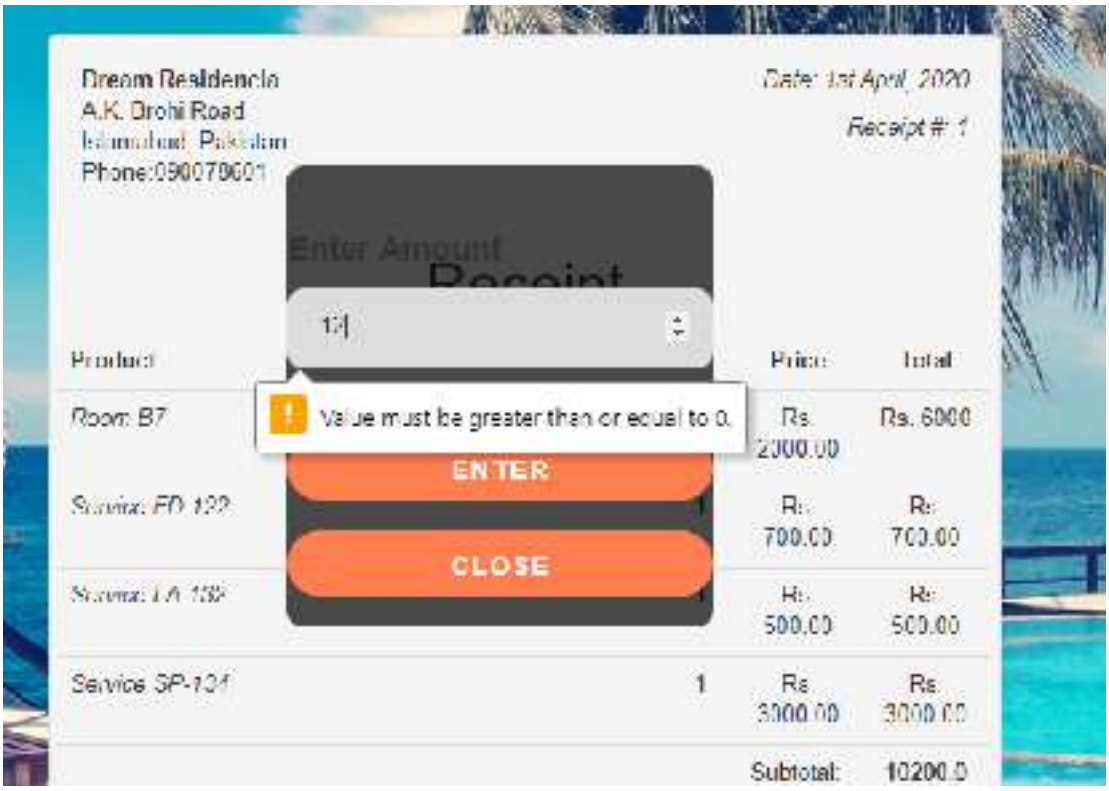
Payment

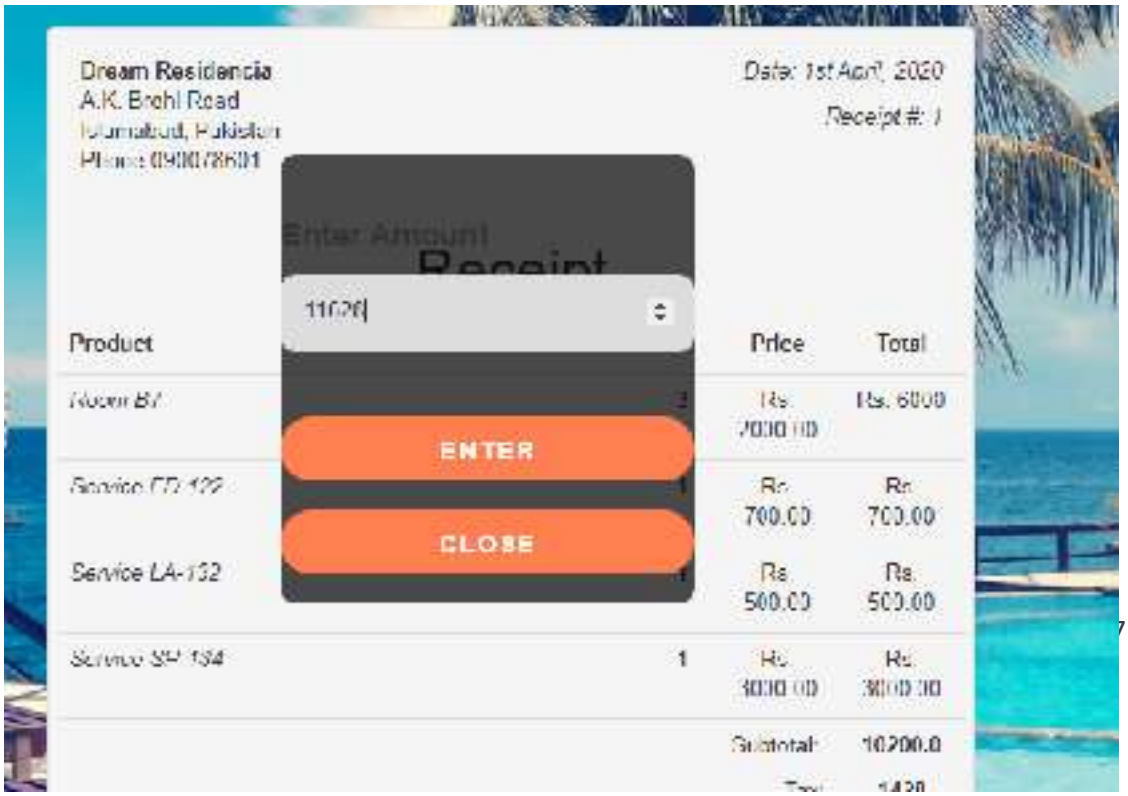


Sub User Story 15.1

Payment by Cash

- **Do not Accept Invalid or Negative Amount**

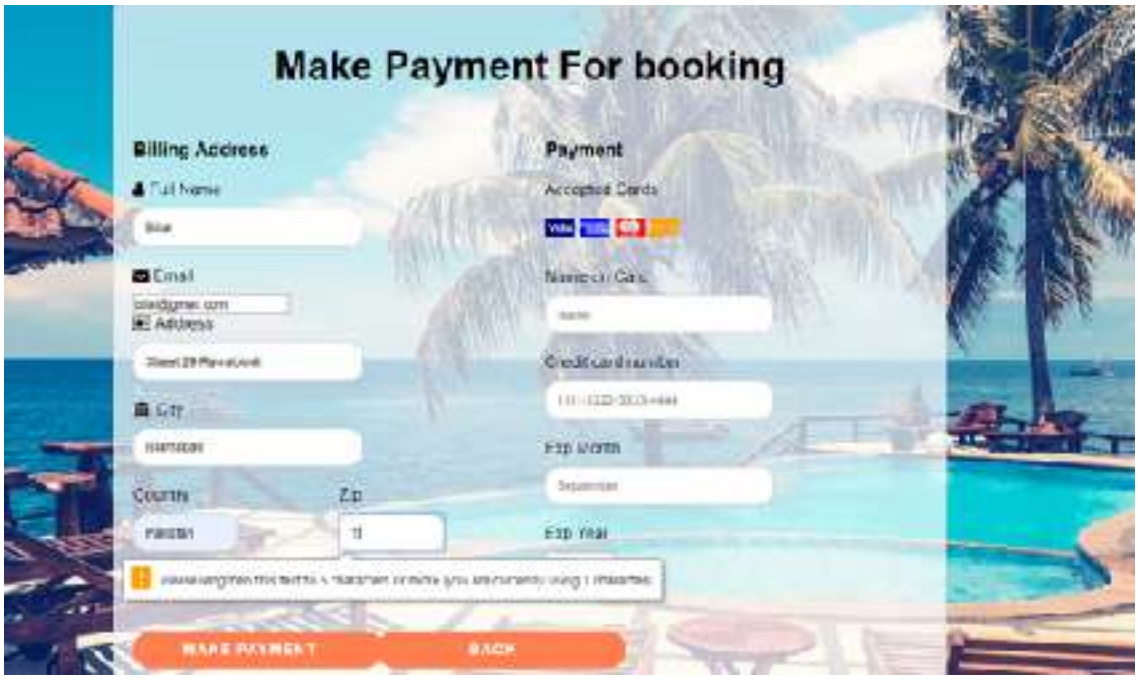


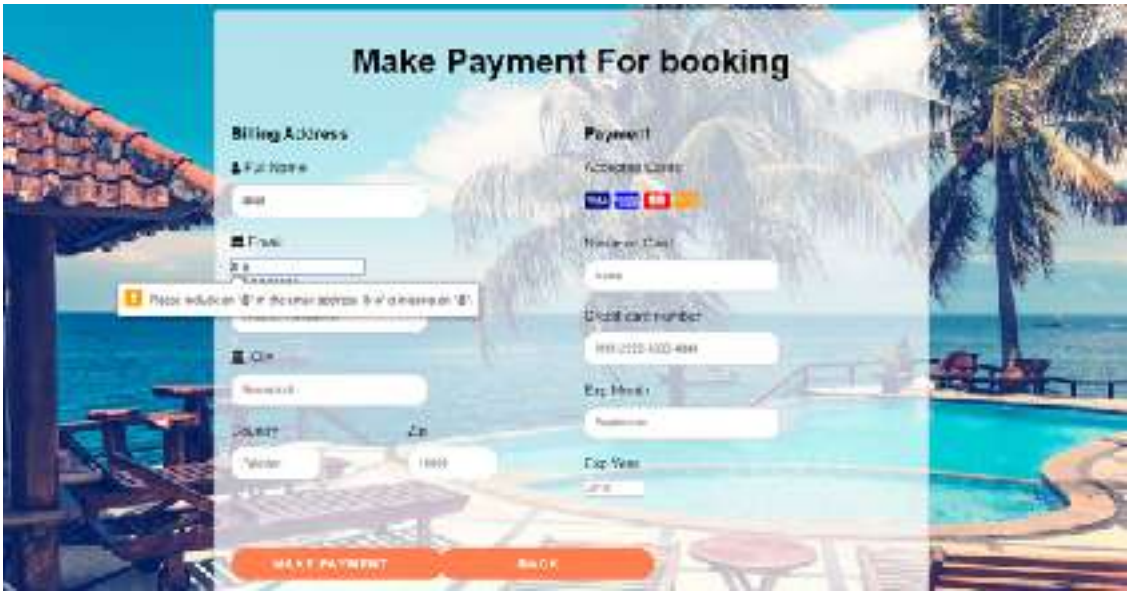


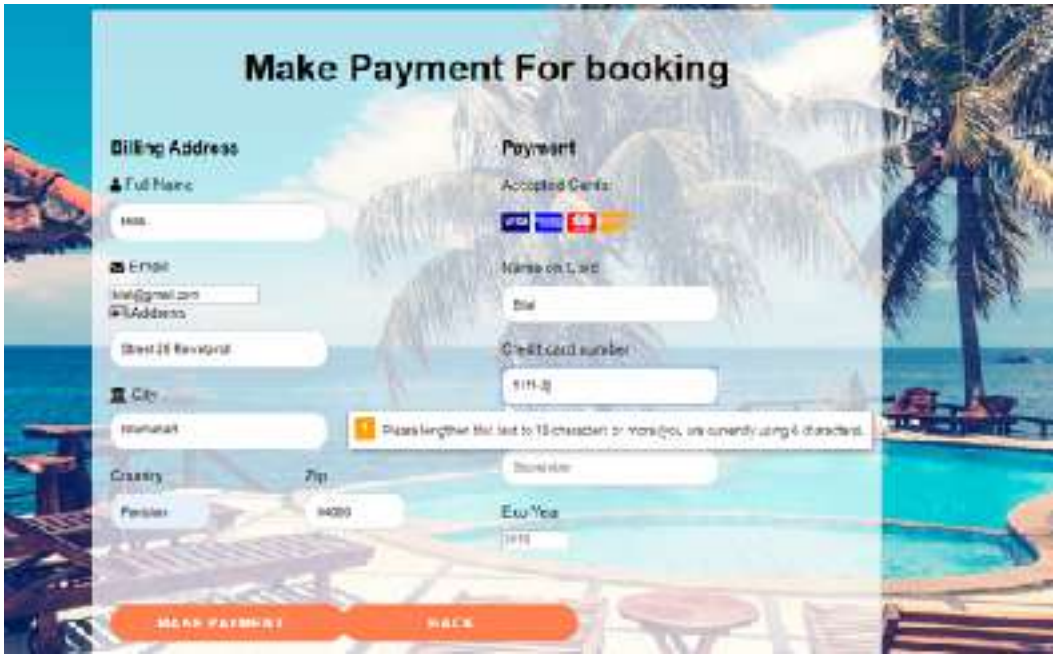
Sub User Story 15.2

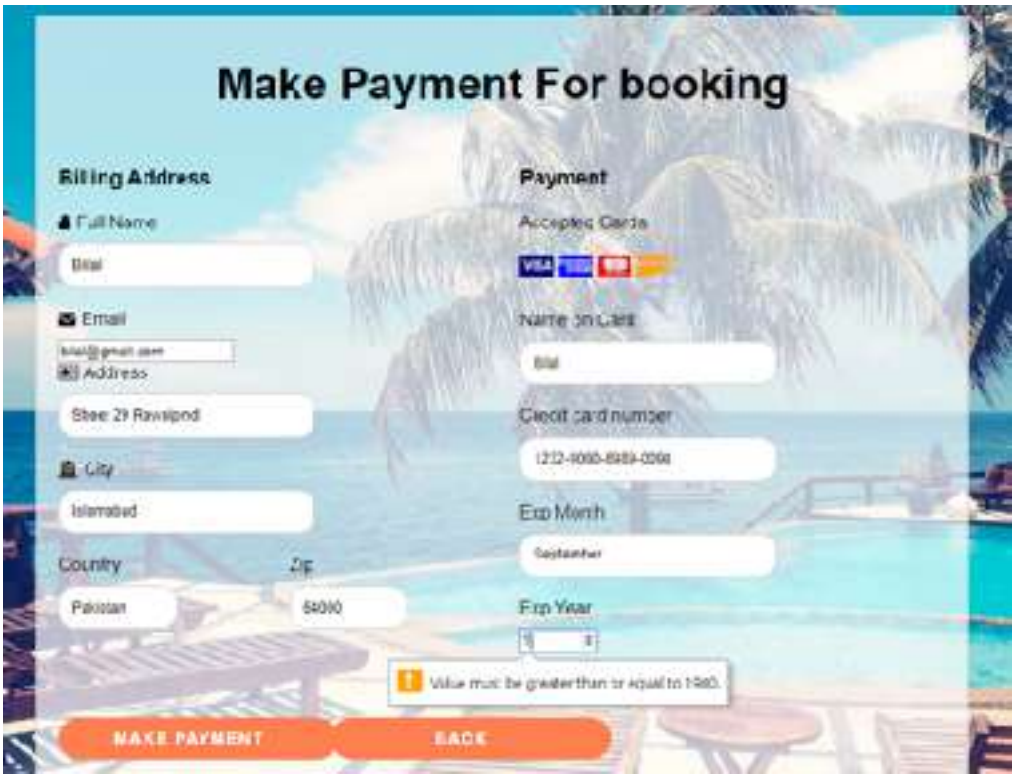
Payment by Card

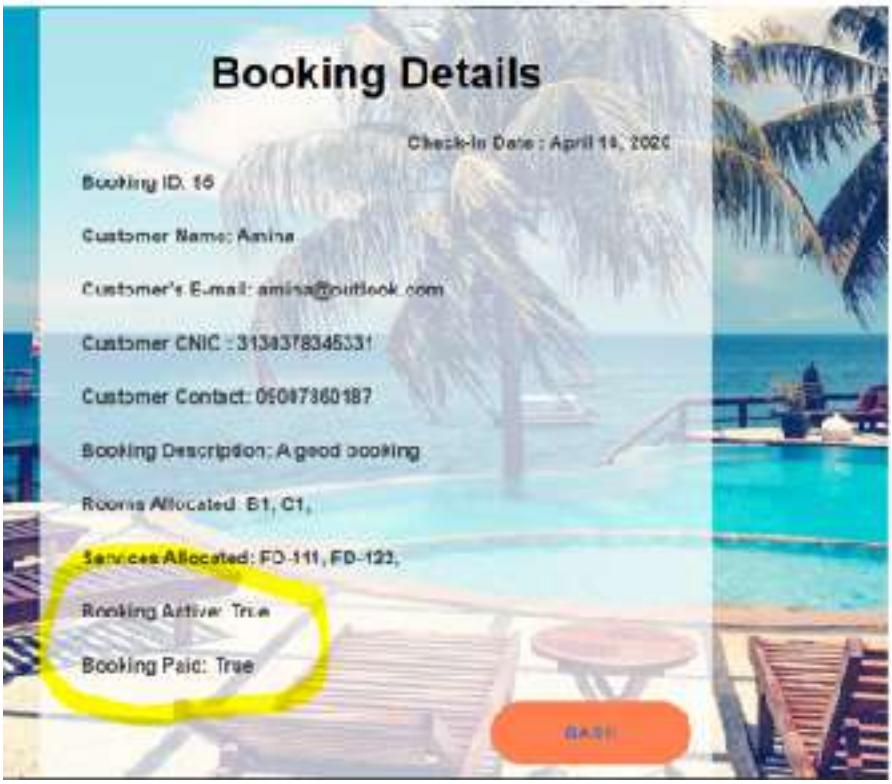
- **Error, Invalid Email**
- **Error, Invalid Zip**
- **Error, Invalid Card Number**
- **Error, Invalid Year**




Make Payment For booking
Billing Address
Payment
BACK


Make Payment For booking
Billing Address
Full Name
Email
Address
City
Country
Zip
Payment
Accepted Cards
Name on Card
Credit card number
Exp Year
MAKE PAYMENT
BACK


Make Payment For booking
Billing Address
Full Name
Email
Address
Street 29 Rawalpindi
City
Islamabad
Country
Pakistan
Zip
Payment
Accepted Cards
Name on Card
Credit card number
Exp Month
Exp Year
MAKE PAYMENT
BACK



User Story 16

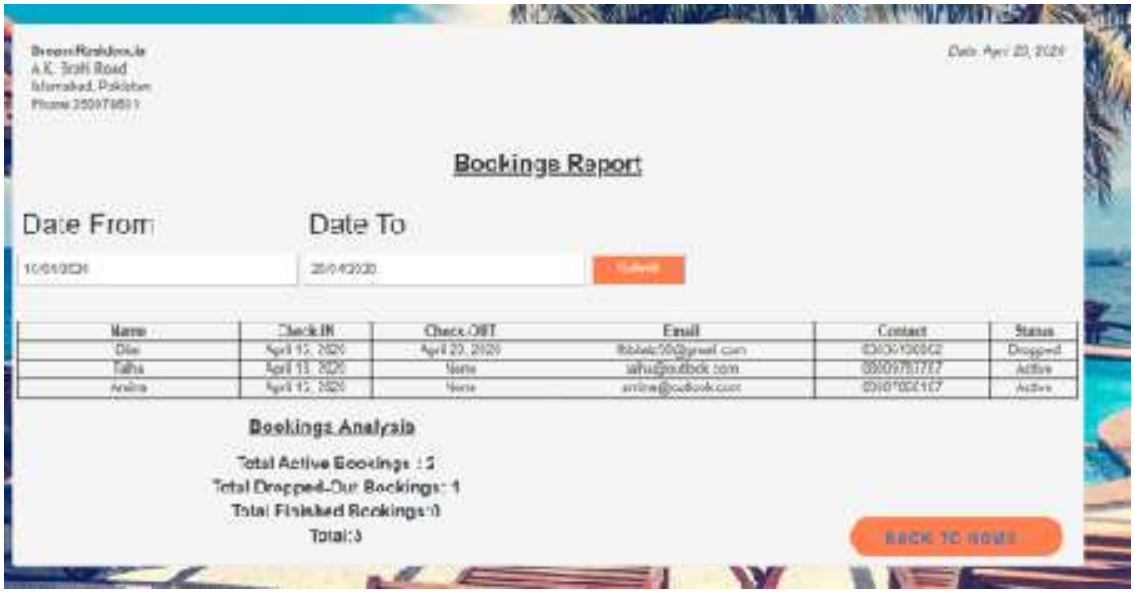
Booking Report

- **Date From Must be Filled**
- **Date To Must be Filled**

Bookings Report
Date From:
Date To
Bookings Analysis
Total Active Bookings :
Total Dropped-Out Bookings:
Total Finished Bookings:
Total :

Bookings Report
Date From
Date To

Bookings Report
Date From
Date To
Bookings Analysis



User Story 17

Finance Report

- **Date From Must be Filled**
- **Date To Must be Filled**

Boundary Value and Equivalent Class Partitions

Rooms

room-id:

1) **Equivalence Class Partitions:**

   a. It will not let the user type more than 10 values

Invalid EC	Valid EC	Invalid EC
Length<2	2<=Length<=10	Length>10

2) **Boundary Value Test**

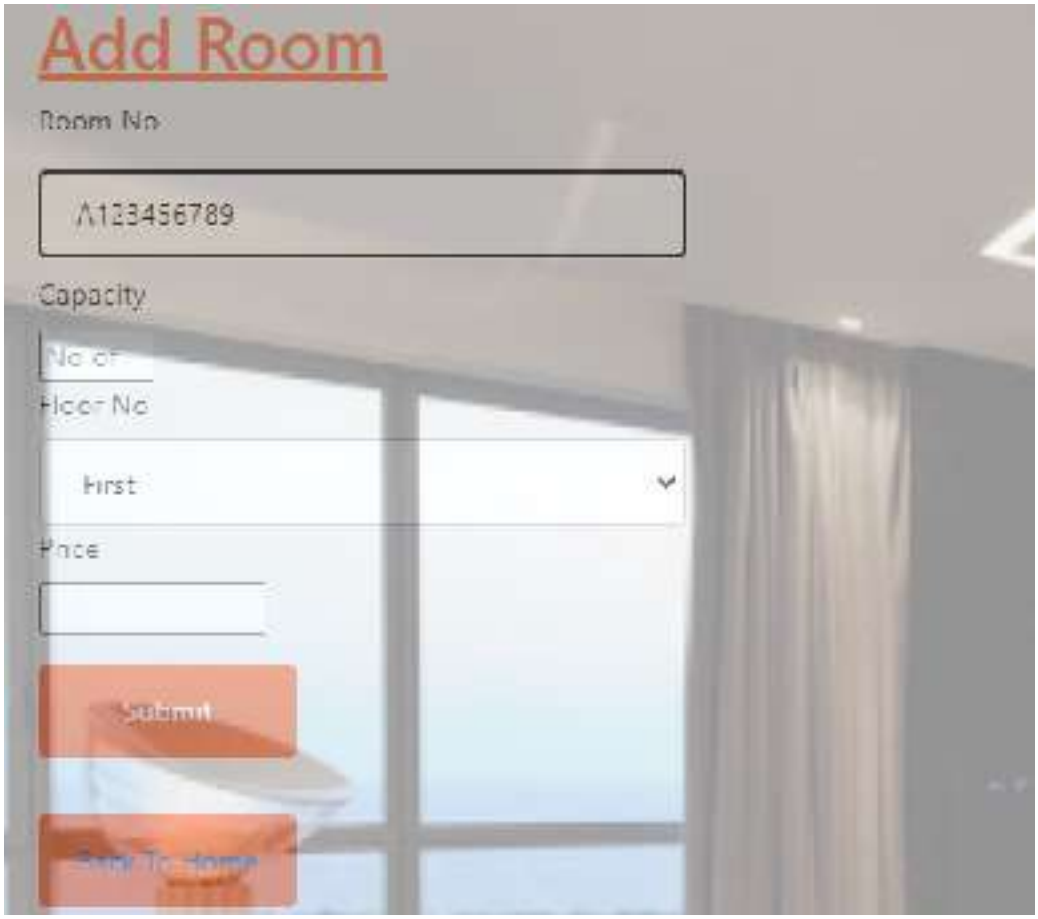
   a. It will not let the user type more than 10 values so Maximum test is not needed.

Minimum (Should Not Accept)	Just above the Minimal	A nominal value	Just below the maximum	Maximum (Should Not Accept)
1	2	4	10	11

SS-1: Not Passed, **SS-2:** Passed, **SS-3:** Passed, **SS-4:** Passed

Add Room
Room No
Capacity
Price

Add Room



capacity:

1) Equivalence Class Partitions:

Invalid EC	Valid EC	Invalid EC
Value<1	1<=Value<=6	Value>6

2) Boundary Value Test

Minimum (Should Not Accept)	Just above the Minimal	A nominal value	Just below the maximum	Maximum (Should Not Accept)
0	1	3	6	7

SS-1: Not Passed, **SS-2:** Passed, **SS-3:** Passed, **SS-4:** Passed **SS-5:** Not Passed

Add Room
Room No
A922
Capacity
Value must be greater than or equal to 1.
Price

Add Room

Add Room

Add Room

Add Room
Room No
Capacity
Price

price:

1) Equivalence Class Participation:

Invalid EC	Valid EC	Invalid EC
Value<0	0<=Value<=100000	Value>100000

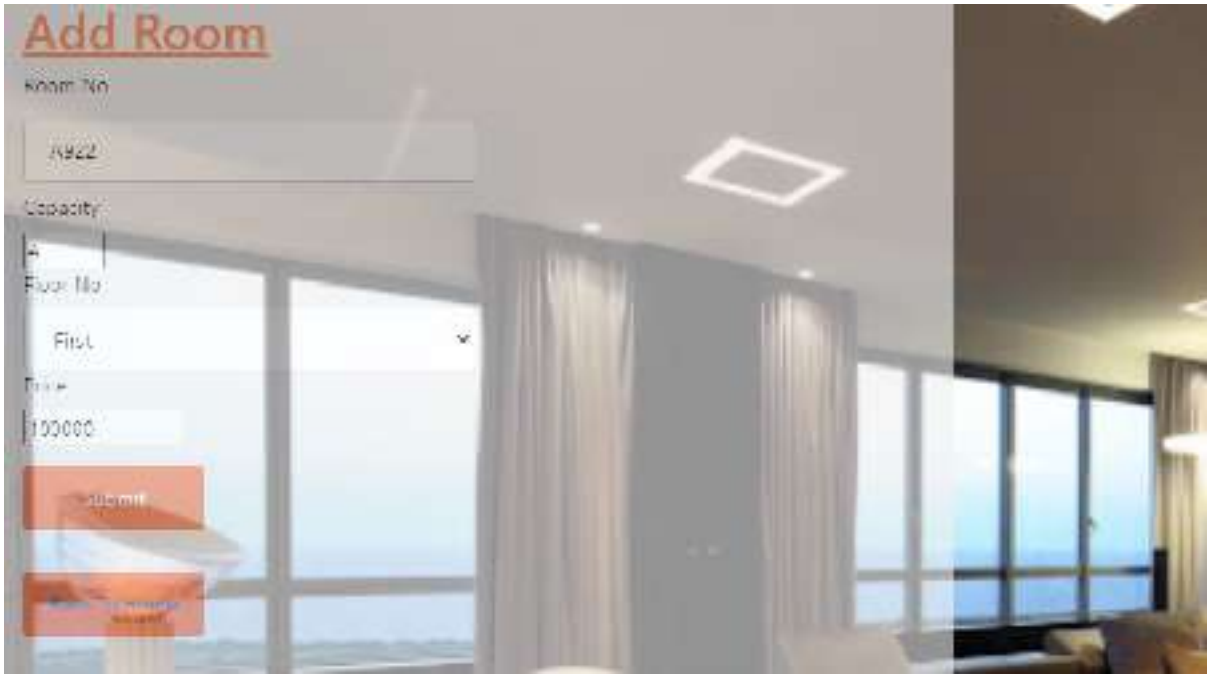
2) Boundary Value Test

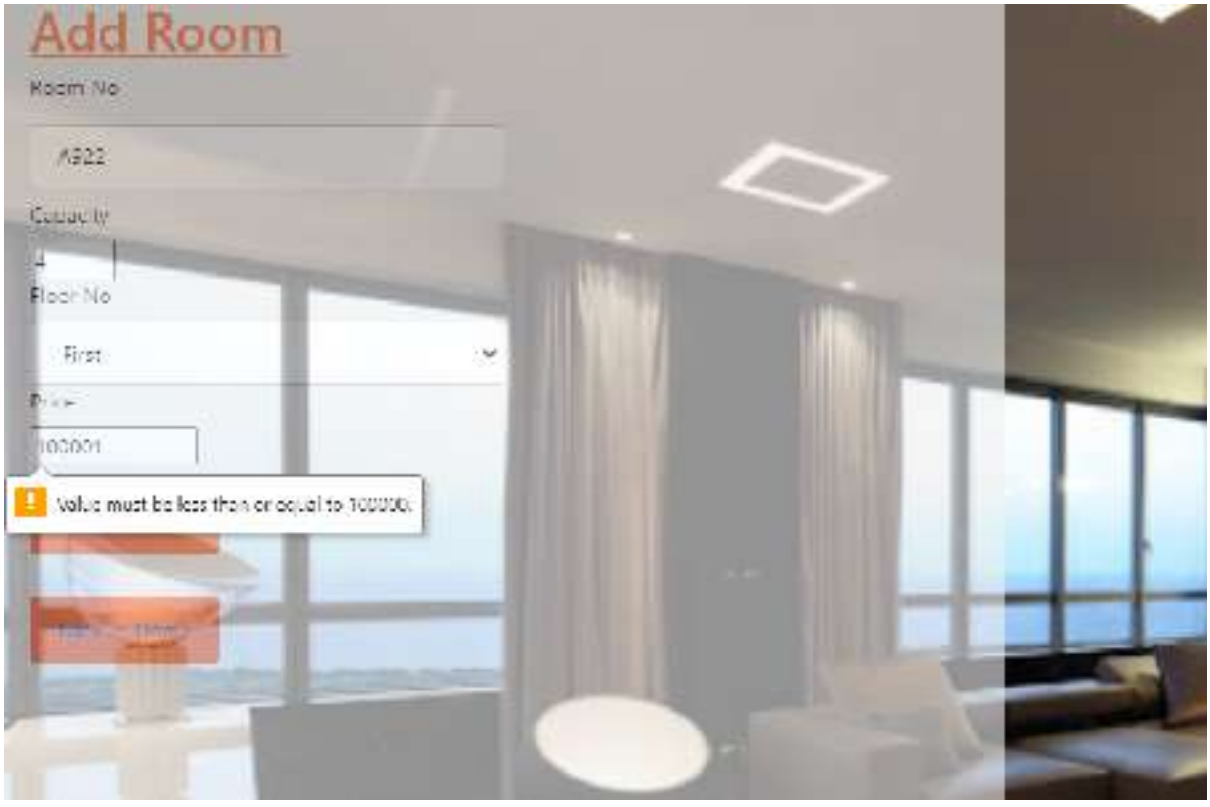
Minimum (Should Not Accept)	Just above the Minimal	A nominal value	Just below the maximum	Maximum (Should Not Accept)
-1	0	1000	100000	100001

SS-1: Not Passed, **SS-2:** Passed, **SS-3:** Passed, **SS-4:** Passed **SS-5:** Not Passed

Add Room
Room No
A022
Capacity
4
Floor No
First
Price
0

Add Room
Room No
A922
Capacity
4
Floor No
First
Price
1000


Add Room
Room No
Capacity
Floor No
First
Price
100000


Add Room
Room No
Floor No
First
Price
100001
Value must be less than or equal to 100000.

Services

service-id:

1) Equivalence Class Partitions:

a. It will not let the user type more than 10 values

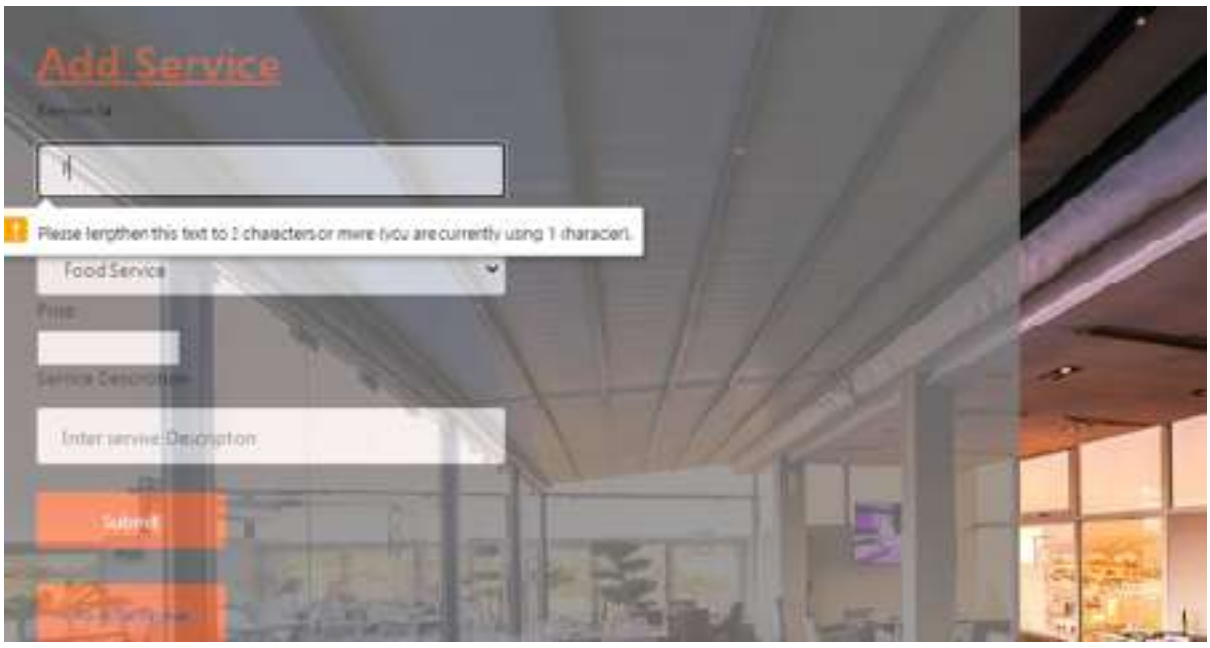
Invalid EC	Valid EC	Invalid EC
Length<2	2<=Length<=10	Length>10

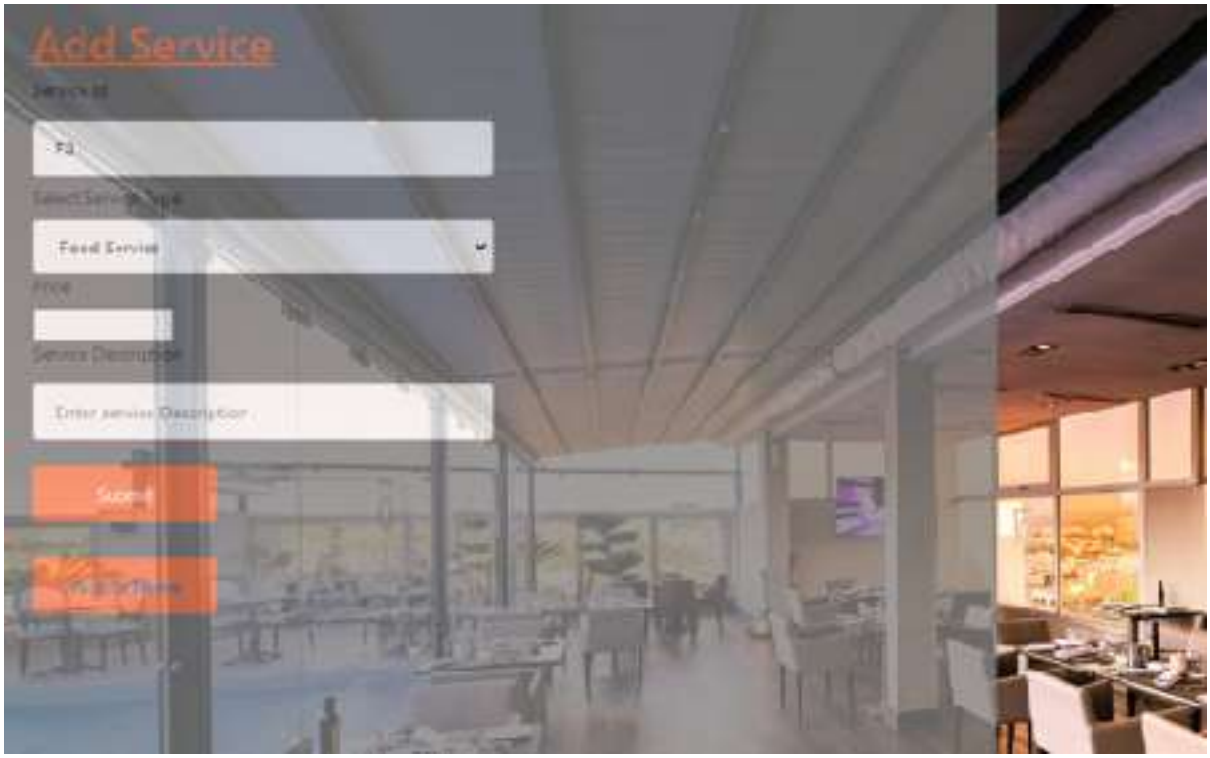
2) Boundary Value Test

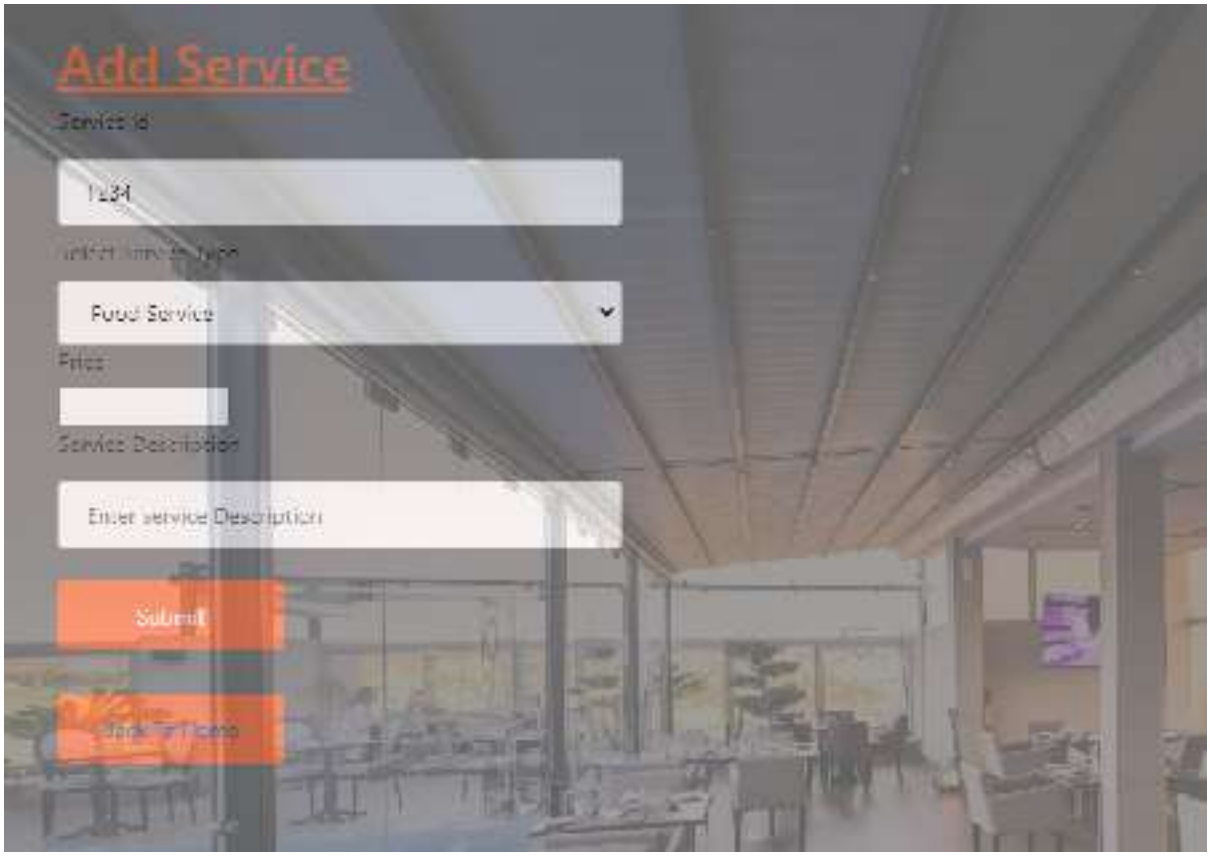
a. It will not let the user type more than 10 values so Maximum test is not needed.

Minimum (Should Not Accept)	Just above the Minimal	A nominal value	Just below the maximum	Maximum (Should Not Accept)
1	2	4	10	11

SS-1: Not Passed, **SS-2:** Passed, **SS-3:** Passed, **SS-4:** Passed




Add Service
Food Service


Add Service
Service Id
1434
Food Service
Price
Service Description
Enter service Description
Submit

price:

1) Equivalence Class Partitions:

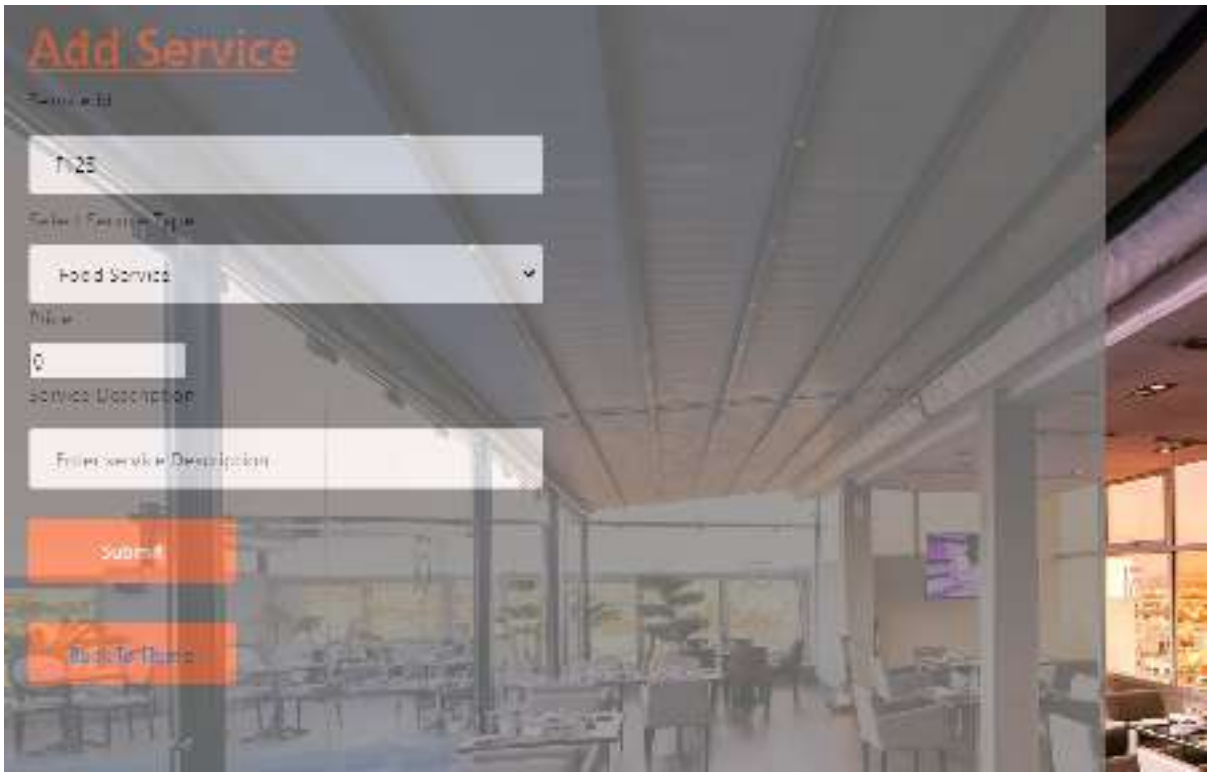
Invalid EC	Valid EC	Invalid EC
Value<0	0<=Value<=100000	Value>100000

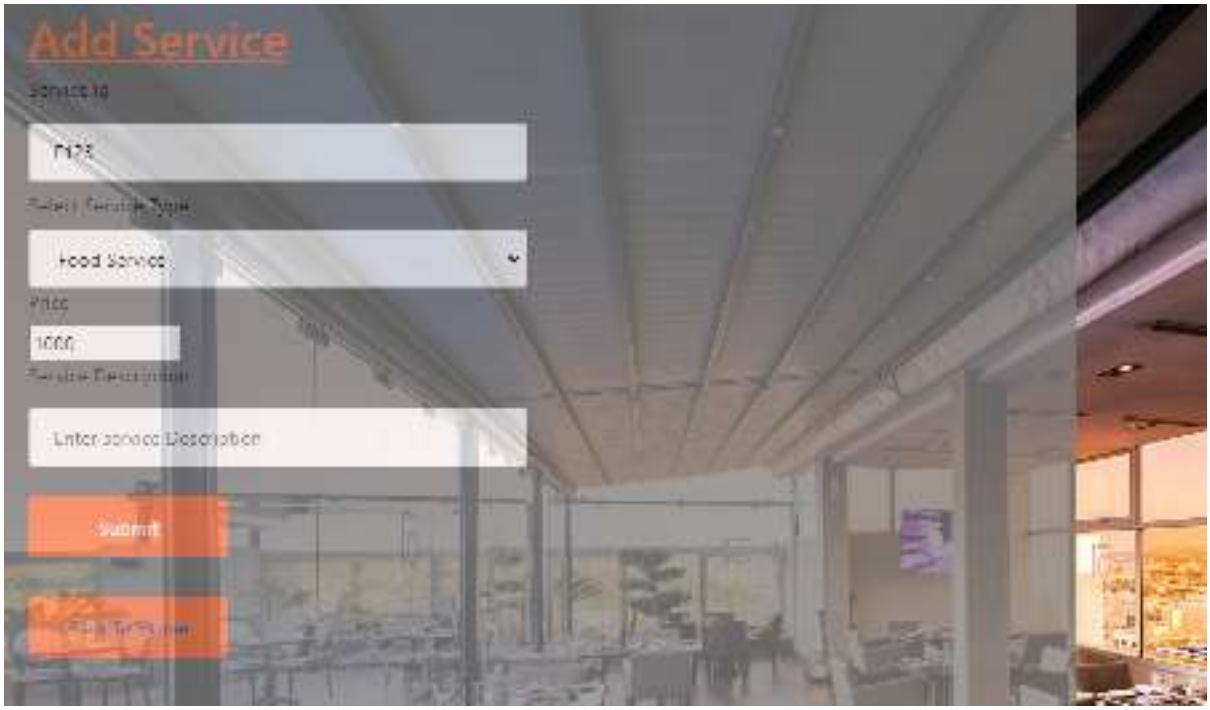
2) Boundary Value Test

Minimum (Should Not Accept)	Just above the Minimal	A nominal value	Just below the maximum	Maximum (Should Not Accept)
-1	0	1000	100000	100001

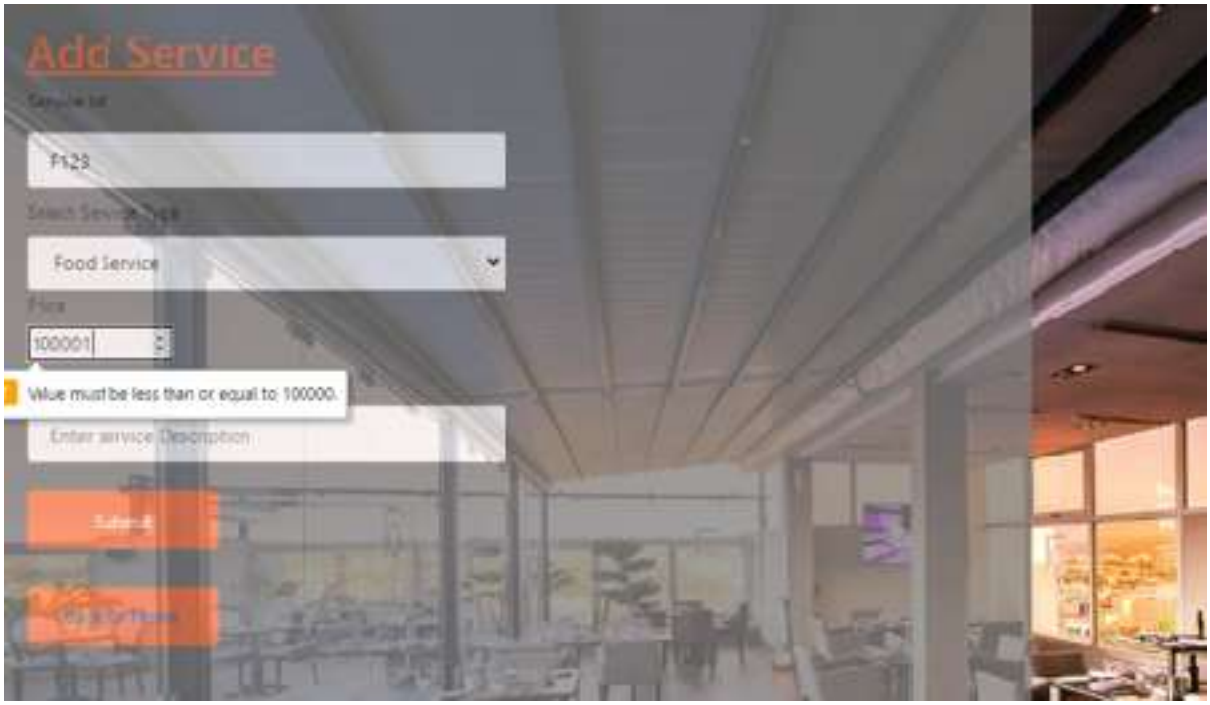
SS-1: Not Passed, **SS-2:** Passed, **SS-3:** Passed, **SS-4:** Passed **SS-5:** Not Passed

Add Service
Value must be greater than or equal to 0.
Submit


Add Service
Food Service
0
Submit


Add Service
Food Service
Submit

Add Service
Food Service
Submit



Booking

checkin:

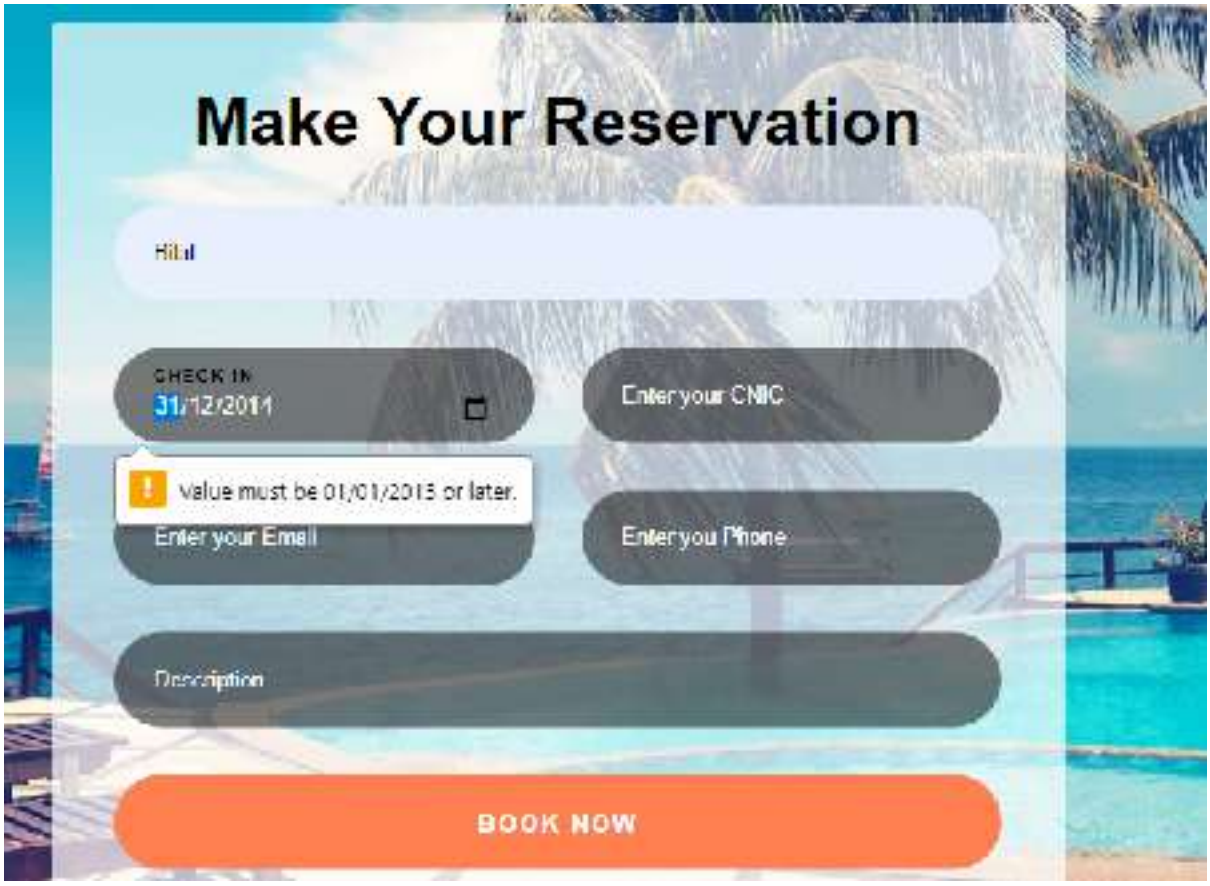
1) Equivalence Class Partitions:

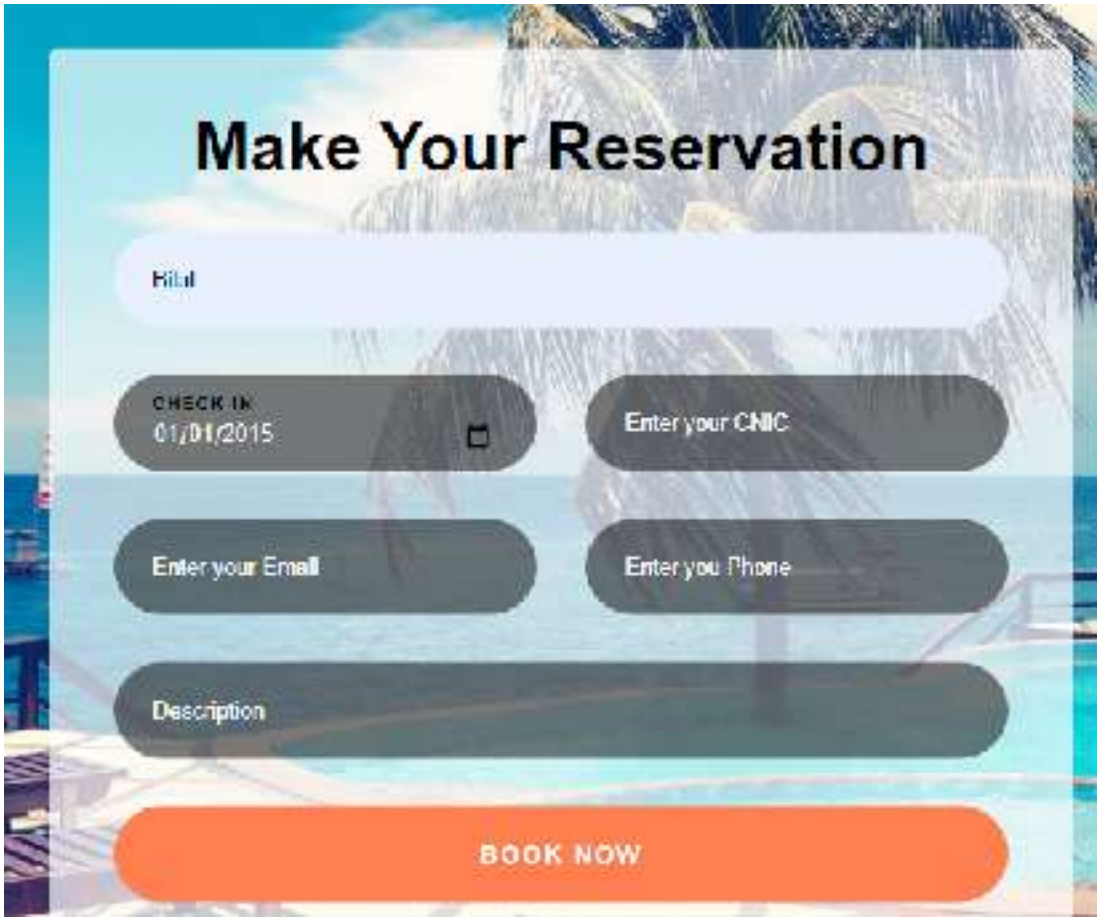
Invalid EC	Valid EC	Invalid EC
date<”2015-1-1”	”2015-1-1”<=Value<=”2090-1-1”	Value>”2090-01-02”

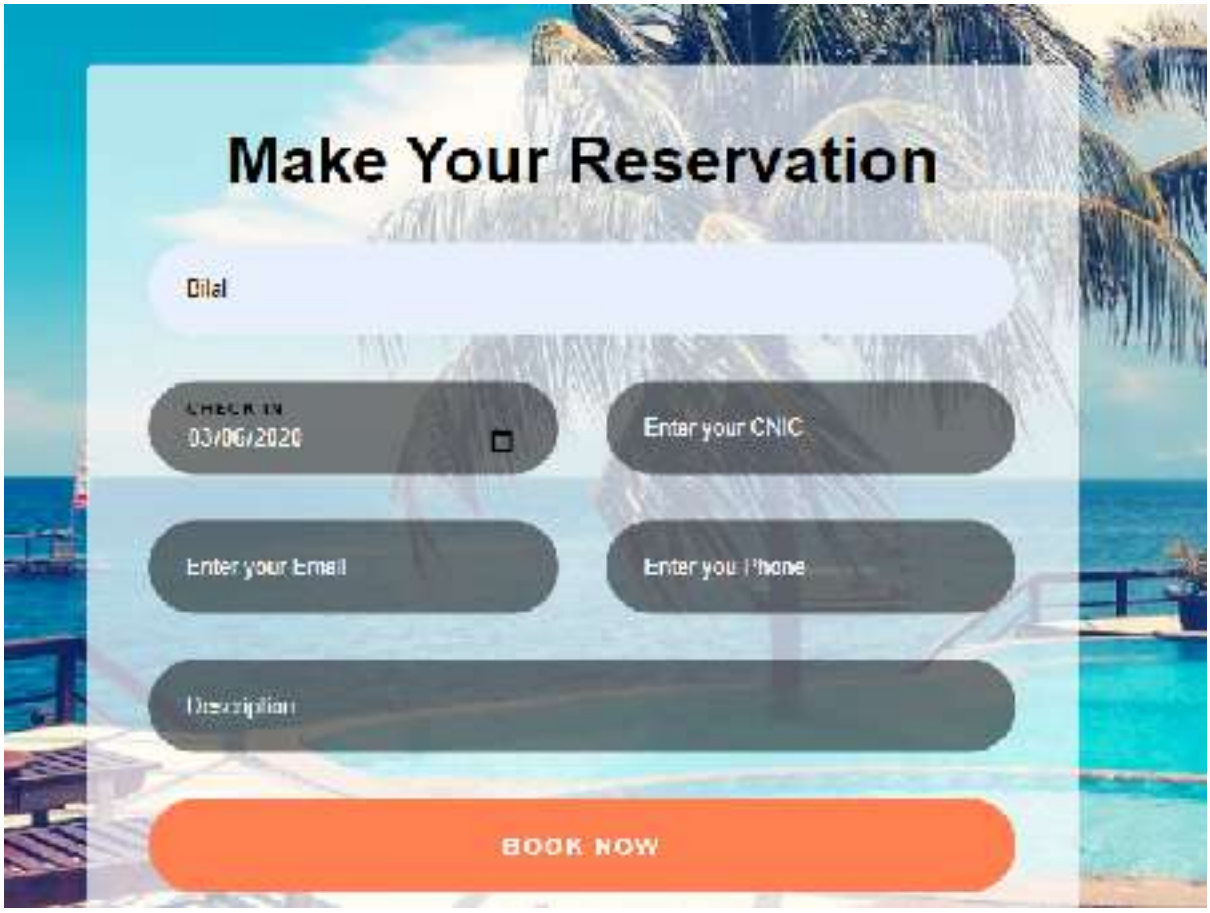
2) Boundary Value Test

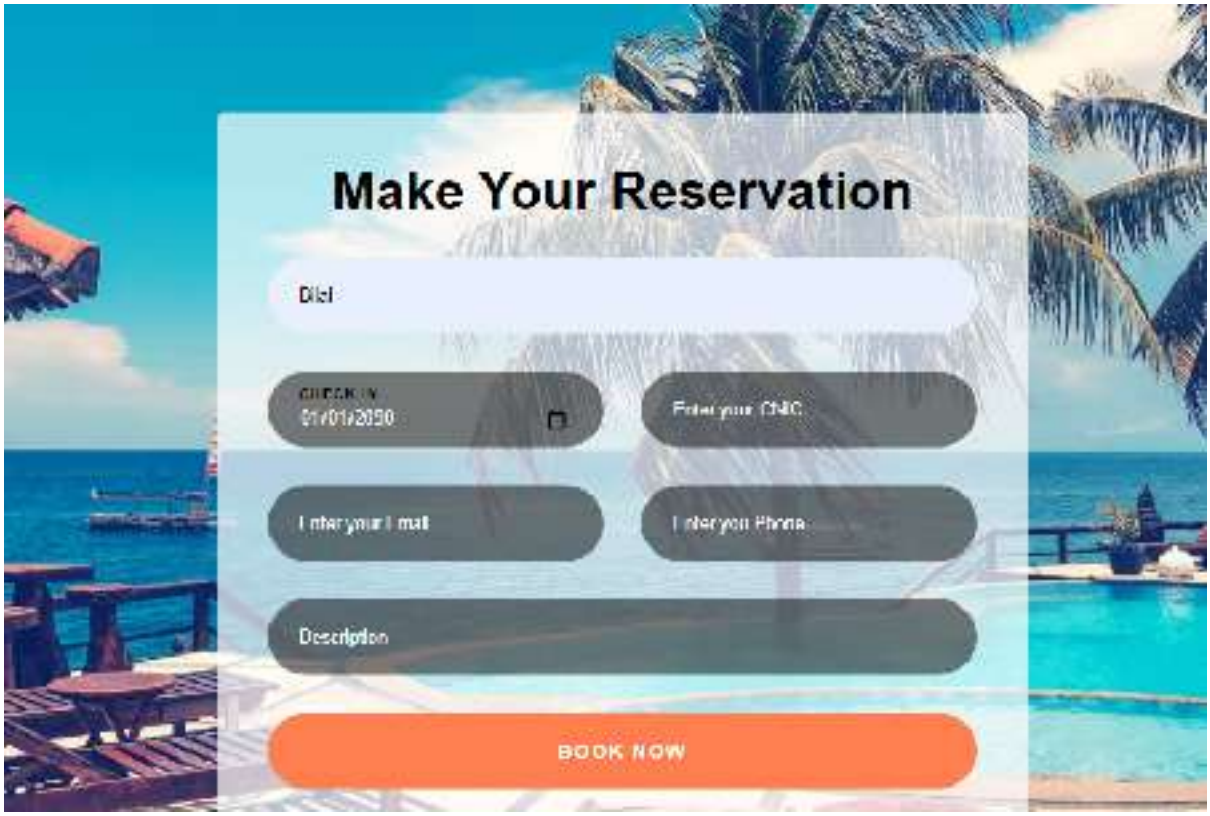
Minimum (Should Not Accept)	Just above the Minimal	A nominal value	Just below the maximum	Maximum (Should Not Accept)
”2014-12-31”	”2015-1-1”	”2020-6-3”	>”2090-1-1”	“2090-01-02”

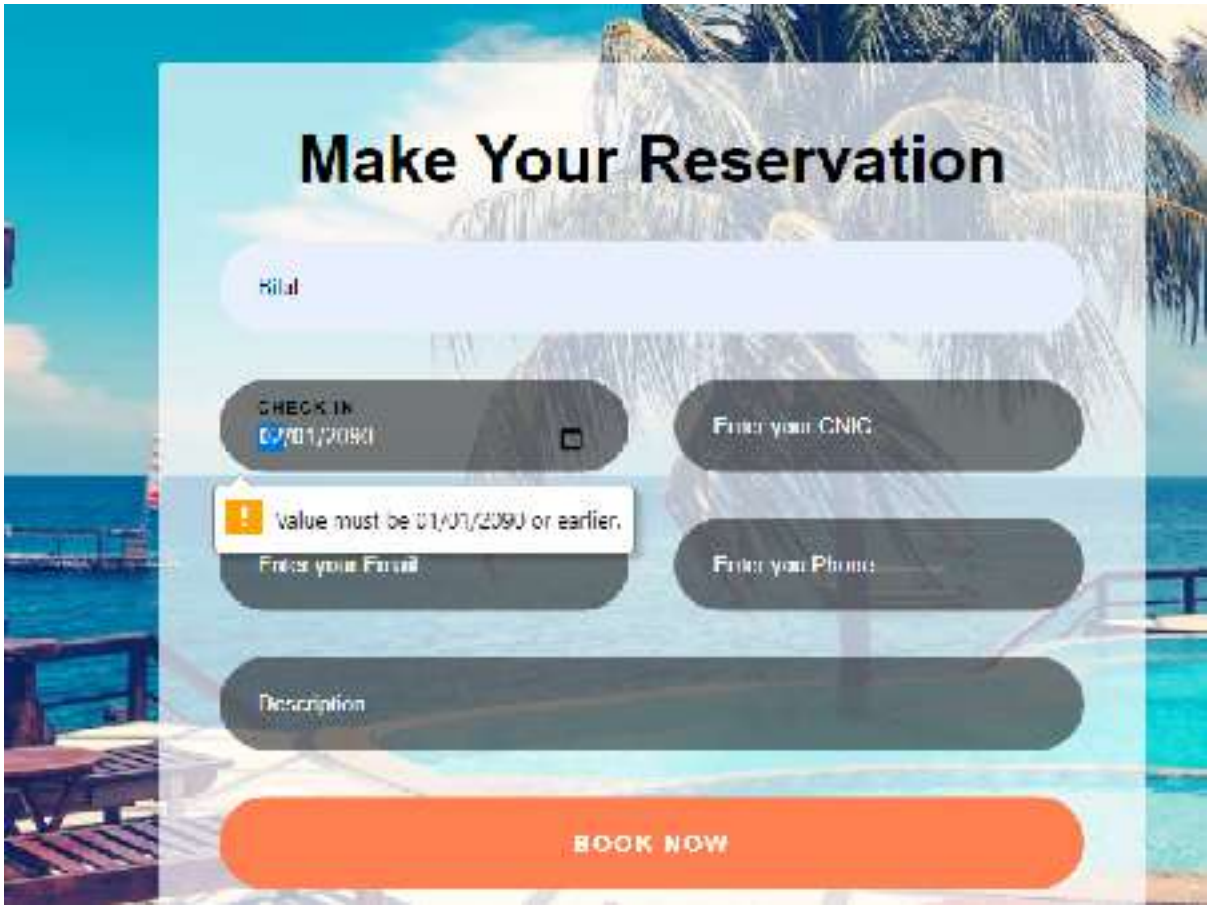
SS-1: Not Passed, **SS-2:** Passed, **SS-3:** Passed, **SS-4:** Passed **SS-5:** Not Passed


Make Your Reservation
Hilal
CHECK IN
31/12/2011
Enter your CNIC
value must be 01/01/2015 or later.
Enter your Email
Enter you Phone
Description
BOOK NOW


Make Your Reservation
Hilal
CHECK IN
01/01/2015
Enter your CNIC
Enter your Email
Enter you Phone
Description
BOOK NOW


Make Your Reservation
Dilal
03/06/2020
Enter your CNIC
Enter your Email
Enter you Phone
Description
BOOK NOW


Make Your Reservation
Dilal
BOOK NOW



cnic:

1) Equivalence Class Partitions:

a. It will not let the user type more than 15 values

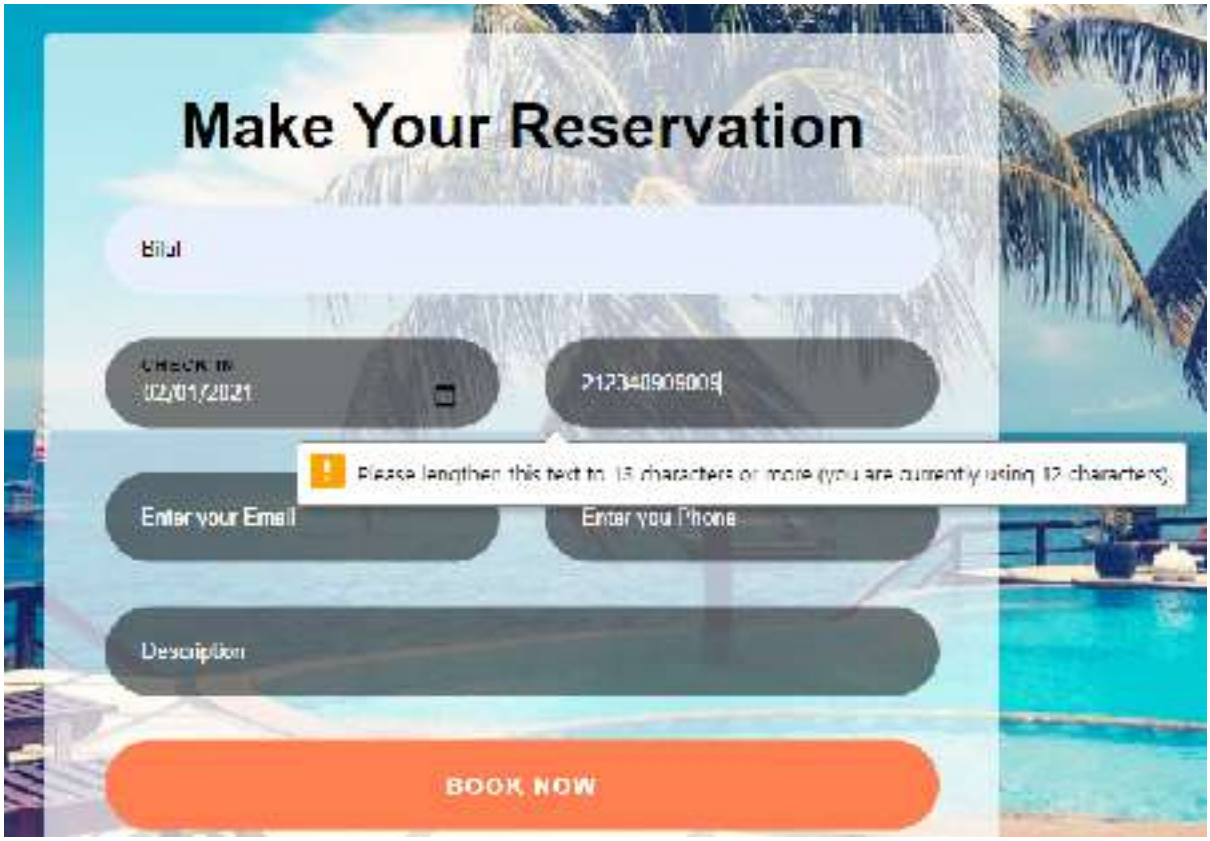
Invalid EC	Valid EC	Invalid EC
Length<13	13<=Length<=15	Length>15

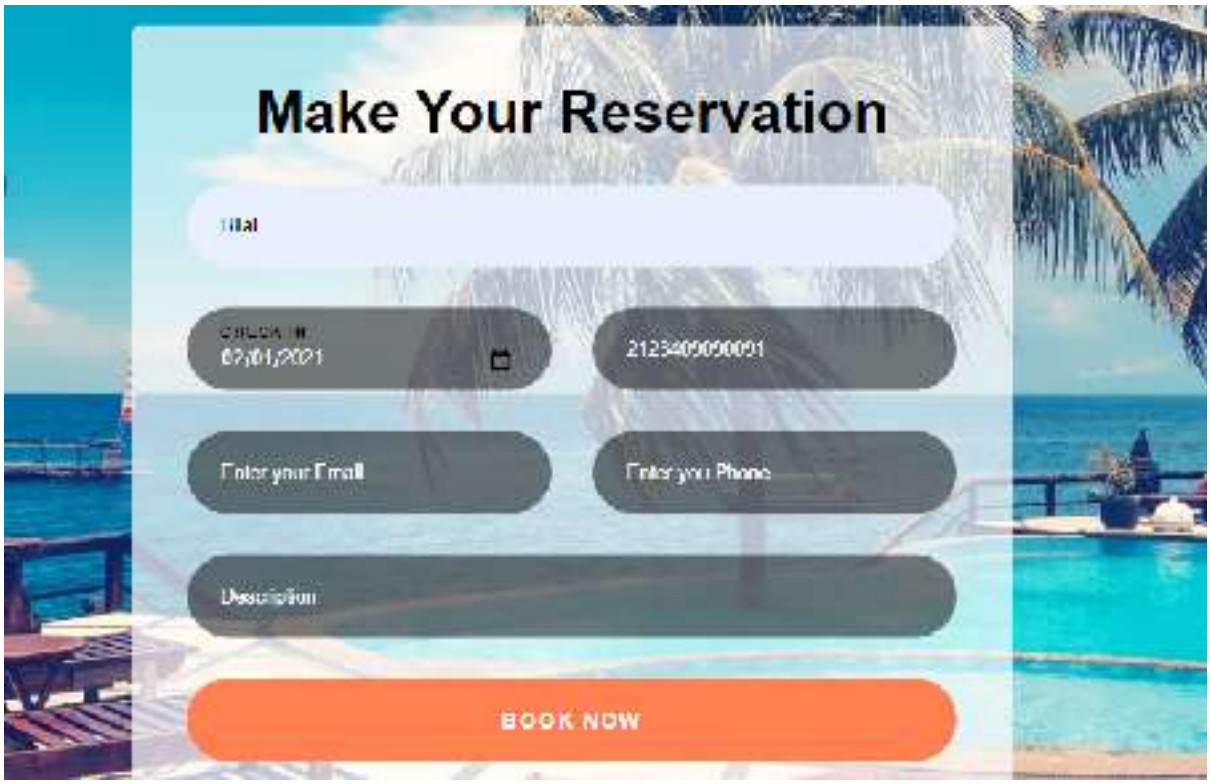
2) Boundary Value Test

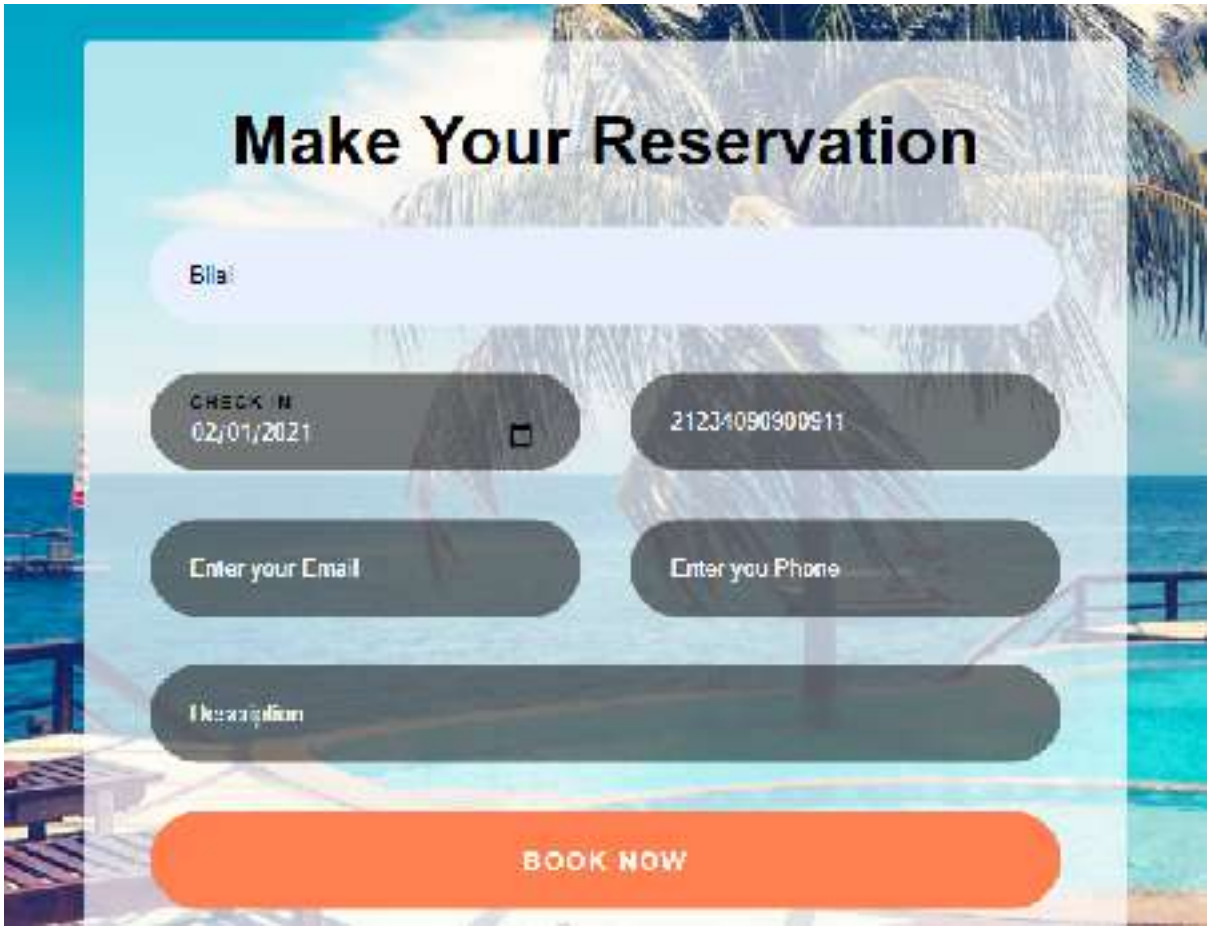
a. It will not let the user type more than 15 values so Maximum test is not needed.

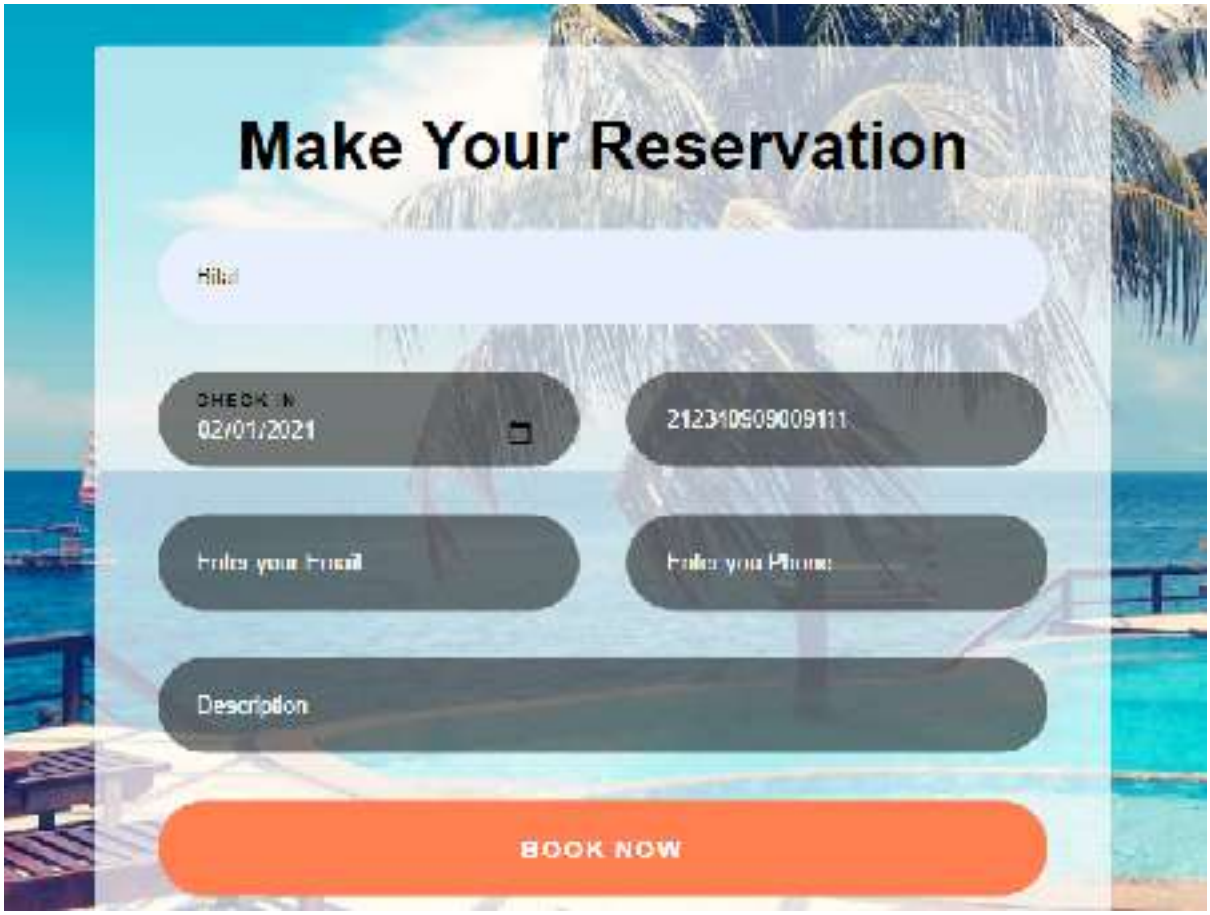
Minimum (Should Not Accept)	Just above the Minimal	A nominal value	Just below the maximum	Maximum (Should Not Accept)
12	13	14	15	16

SS-1: Not Passed, **SS-2:** Passed, **SS-3:** Passed, **SS-4:** Passed


Make Your Reservation
Bilal
02/01/2021
212340909009
Please lengthen this text to 13 characters or more (you are currently using 12 characters).
Enter your Email
Enter you Phone
Description
BOOK NOW


Make Your Reservation
Bilal
02/01/2021
212340909001
Enter your Email
Enter you Phone
Description
BOOK NOW


Make Your Reservation
Bla
CHECK IN
02/01/2021
212340909009 11
Enter your Email
Enter you Phone
BOOK NOW



Payment

card-no:

1) **Equivalence Class Partitions:**

   a. It will not let the user type more than 19 values

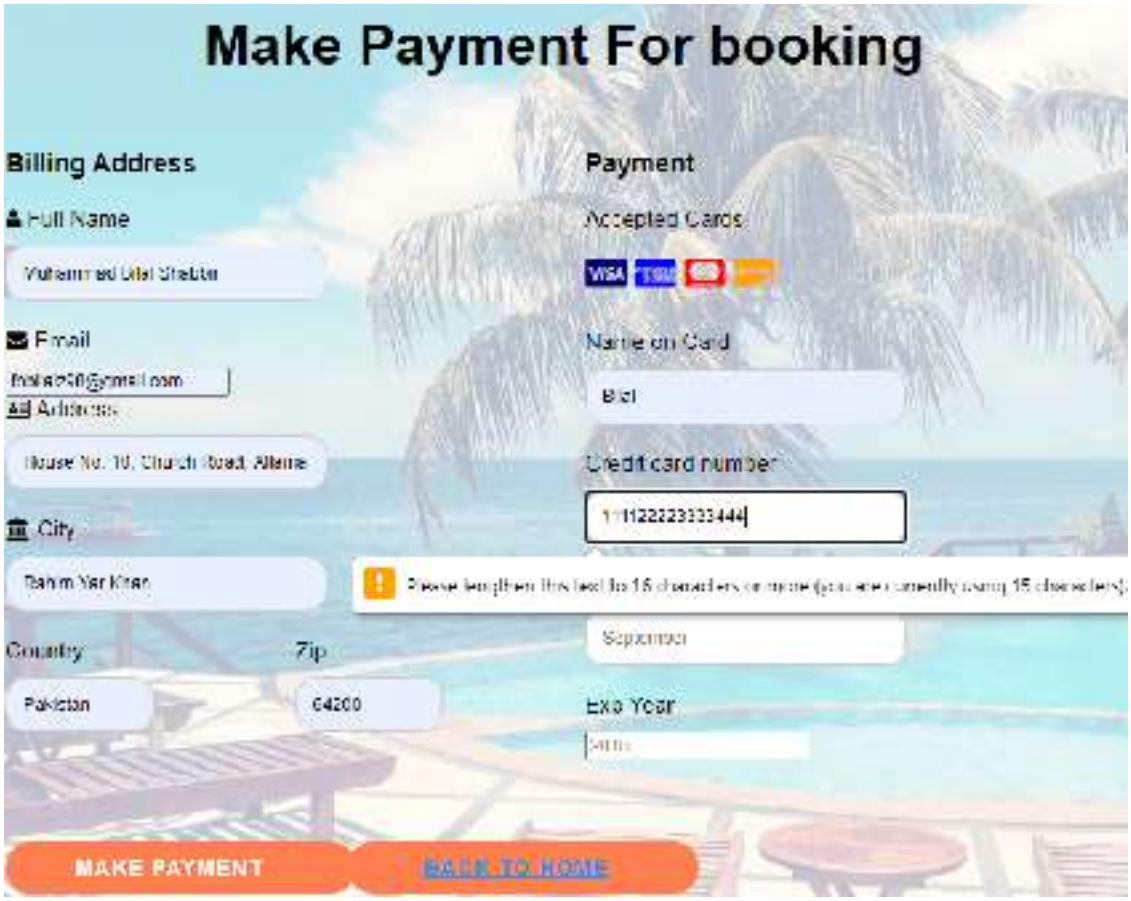
Invalid EC	Valid EC	Invalid EC
Length<16	16<=Length<=19	Length>19

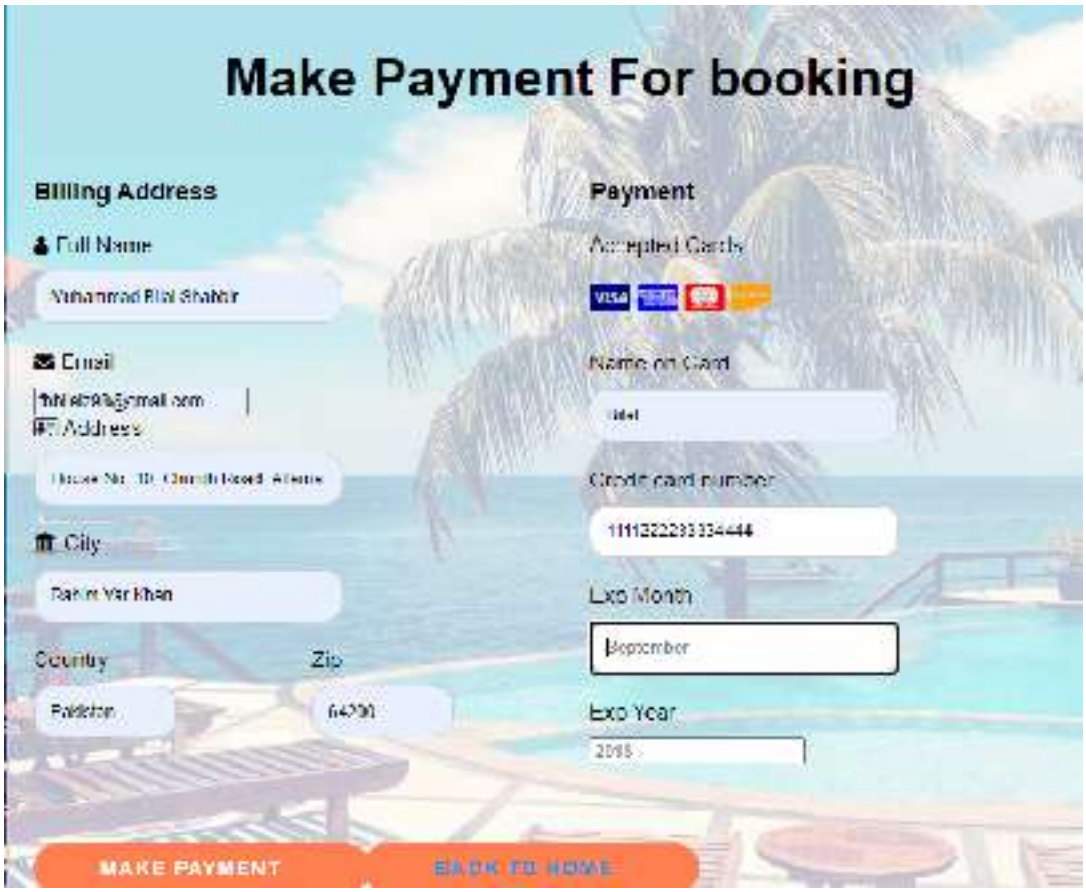
2) **Boundary Value Test**

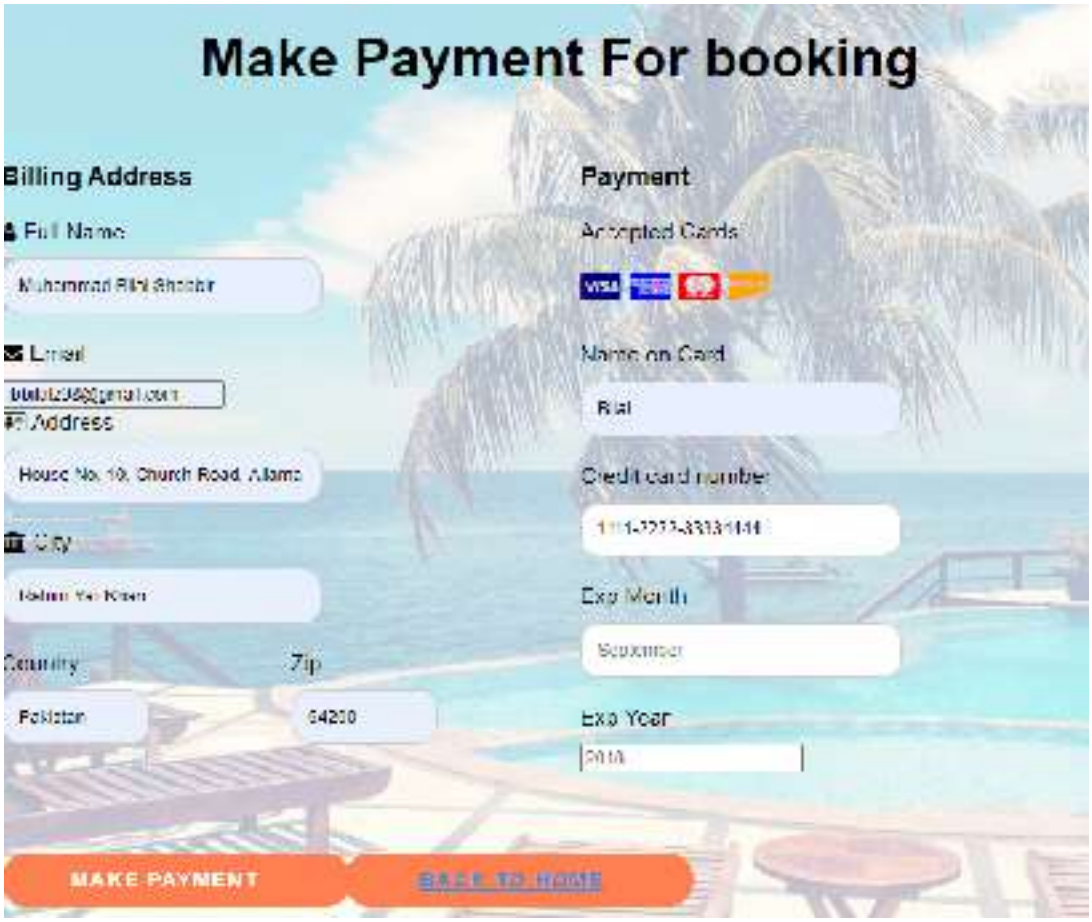
   a. It will not let the user type more than 19 values so Maximum test is not needed.

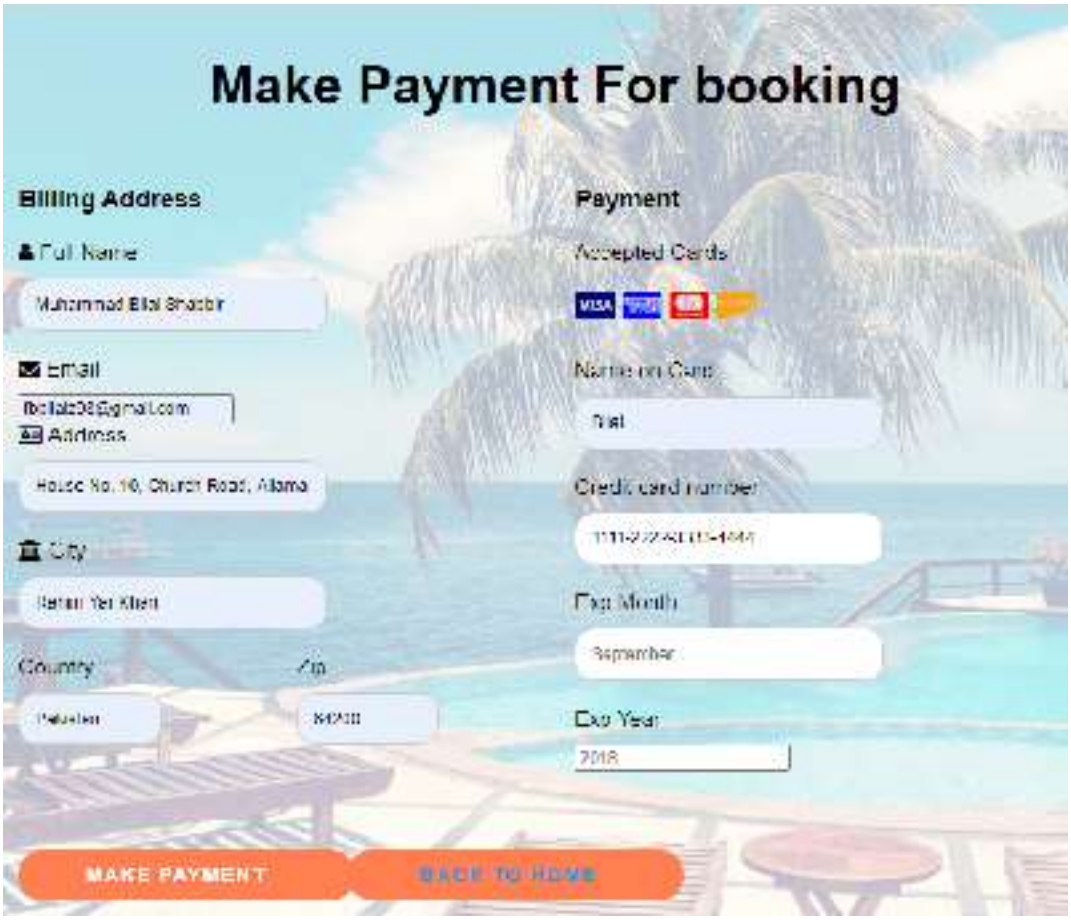
Minimum (Should Not Accept)	Just above the Minimal	A nominal value	Just below the maximum	Maximum (Should Not Accept)
15	16	18	19	20

SS-1: Not Passed, **SS-2:** Passed, **SS-3:** Passed, **SS-4:** Passed


Make Payment For booking
Billing Address
Full Name
Email
Address
City
Country
Zip
Pakistan
64200
Payment
Accepted Cards
Name on Card
Credit card number
Exp Year
MAKE PAYMENT
BACK TO HOME


Make Payment For booking
Billing Address
Full Name
Email
Address
City
Country
Zip
Pakistan
Payment
Accepted Cards
Name on Card
Credit card number
Exp Month
September
Exp Year
2018
MAKE PAYMENT
BACK TO HOME


Make Payment For booking
Billing Address
Full Name
Muhammad Bilal Shabbir
Email
Address
House No. 10, Church Road, Allama
City
Country
Pakistan
Zip
54200
Payment
Accepted Cards
Name on Card
Bilal
Credit card number
Exp Month
September
Exp Year
2018
MAKE PAYMENT
BACK TO HOME



zipcode:

3) Equivalence Class Partitions:

a. It will not let the user type more than 10 values

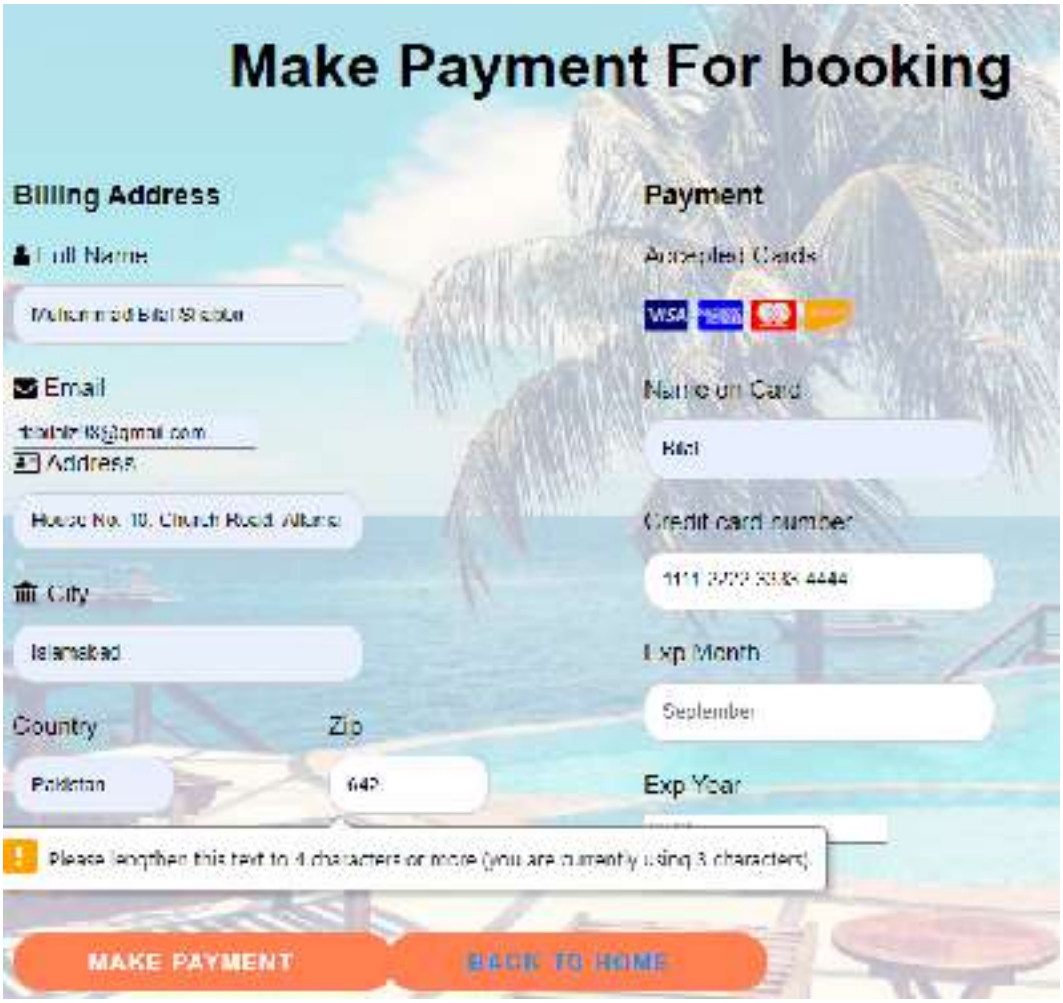
Invalid EC	Valid EC	Invalid EC
Length<4	4<=Length<=10	Length>10

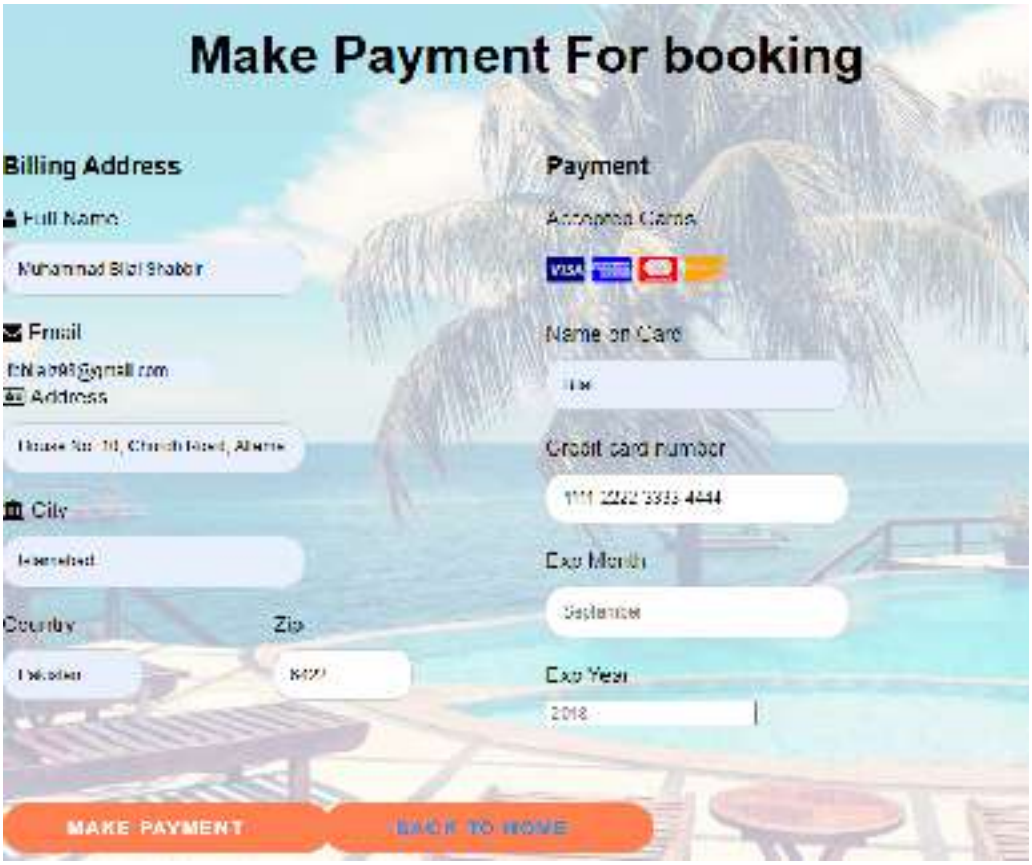
4) Boundary Value Test

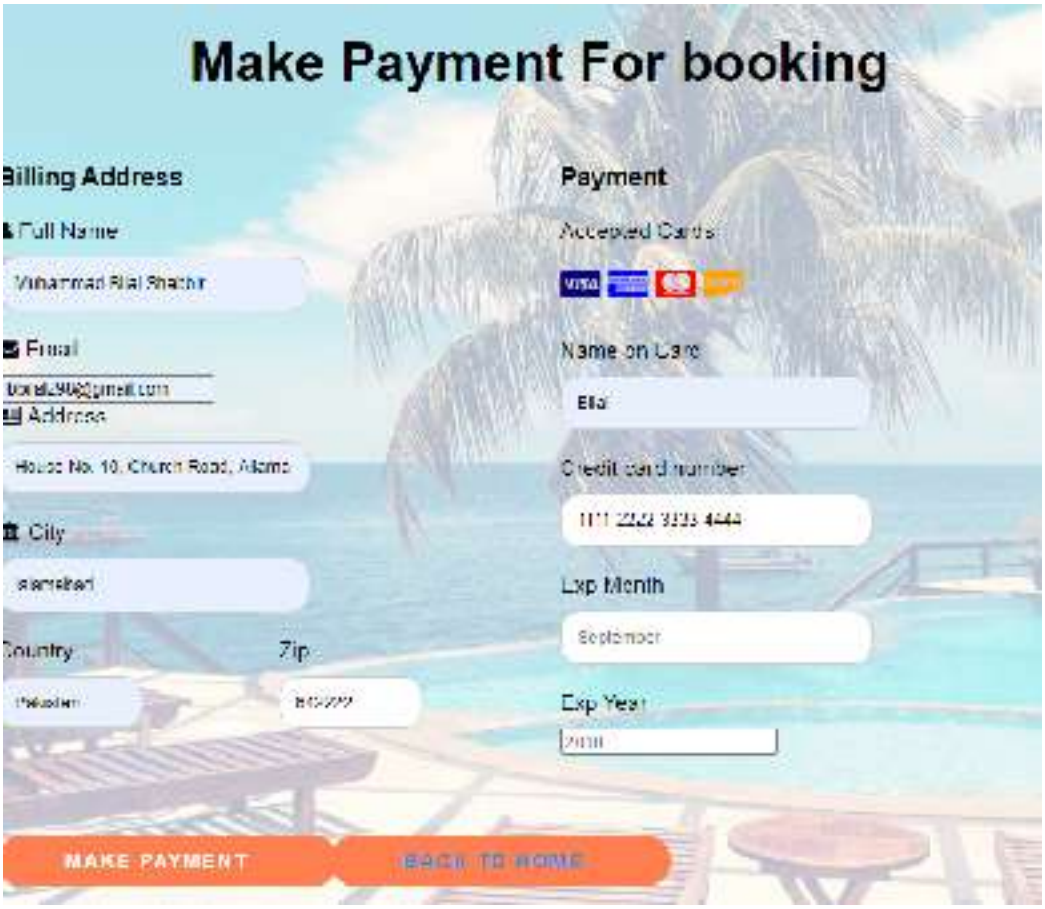
a. It will not let the user type more than 10 values so Maximum test is not needed.

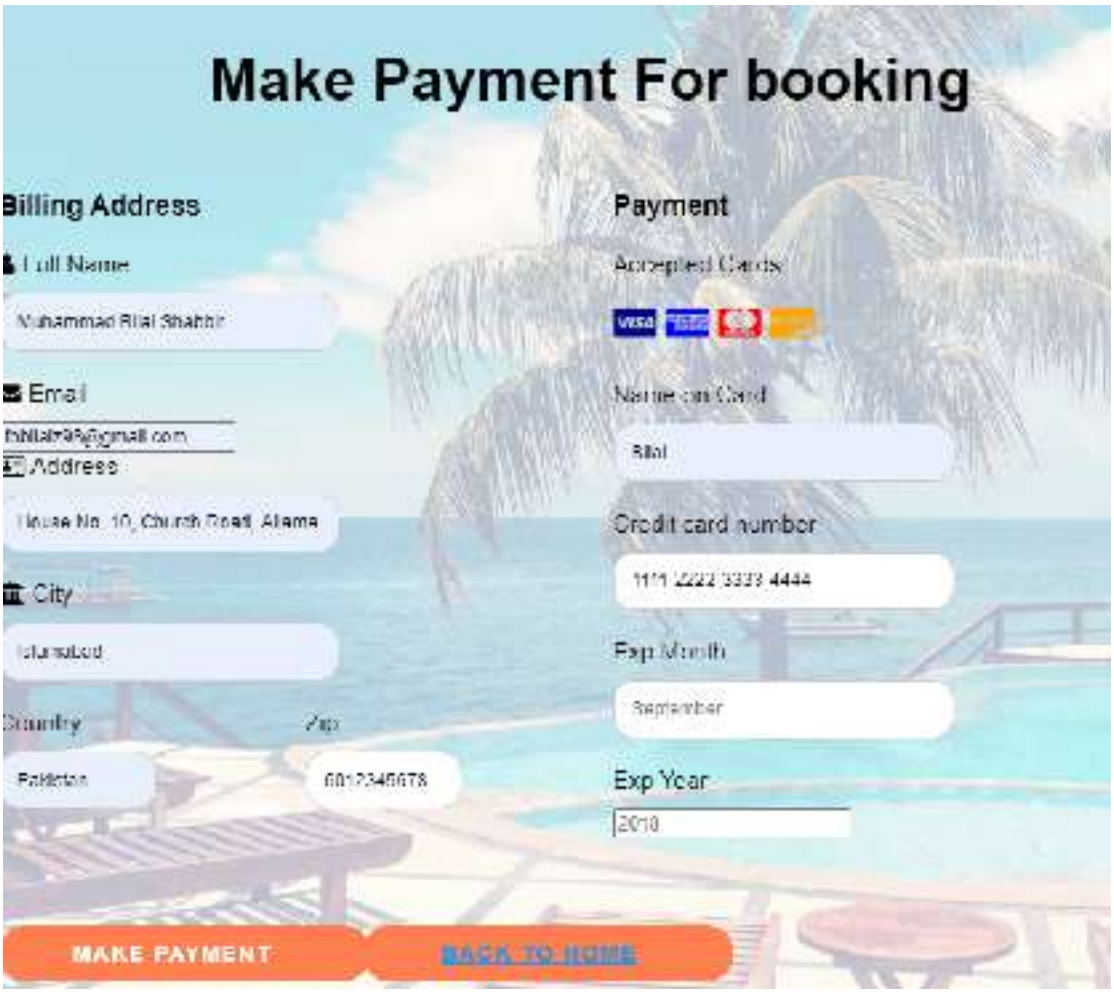
Minimum (Should Not Accept)	Just above the Minimal	A nominal value	Just below the maximum	Maximum (Should Not Accept)
3	4	6	10	11

SS-1: Not Passed, **SS-2:** Passed, **SS-3:** Passed, **SS-4:** Passed


Make Payment For booking
Billing Address
Full Name
Email
Address
City
Islamabad
Country
Pakistan
Zip
Payment
Accepted Cards
Name on Card
Credit card number
Exp Month
September
Exp Year
MAKE PAYMENT
BACK TO HOME


Make Payment For booking
Billing Address
Full Name
Muhammad Bilal Shabbir
Email
Address
City
Country
Zip
Payment
Accepted Cards
Name on Card
Credit card number
Exp Month
Exp Year
2018
MAKE PAYMENT
BACK TO HOME


Make Payment For booking
Billing Address
Full Name
Email
Address
City
Country
Zip
Payment
Accepted Cards
Name on Card
Ella
Credit card number
Exp Month
Exp Year
MAKE PAYMENT
BACK TO HOME



price:

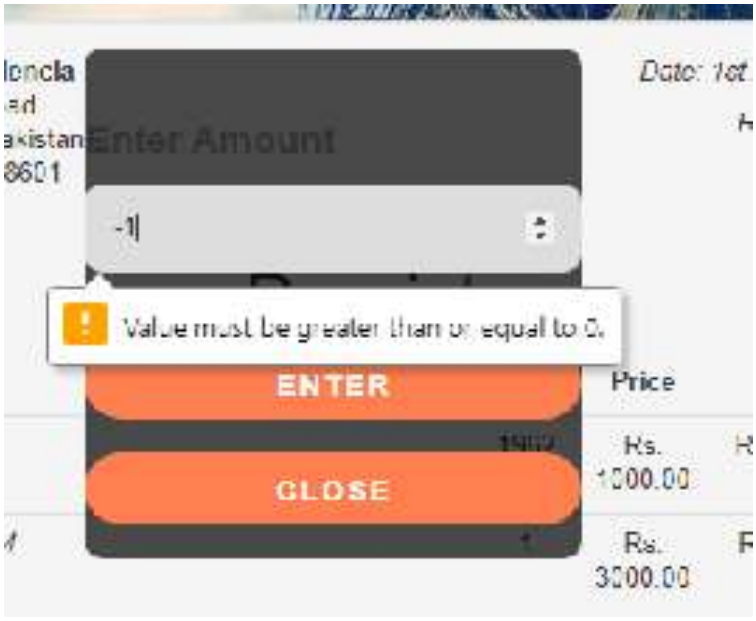
1) Equivalence Class Partitions:

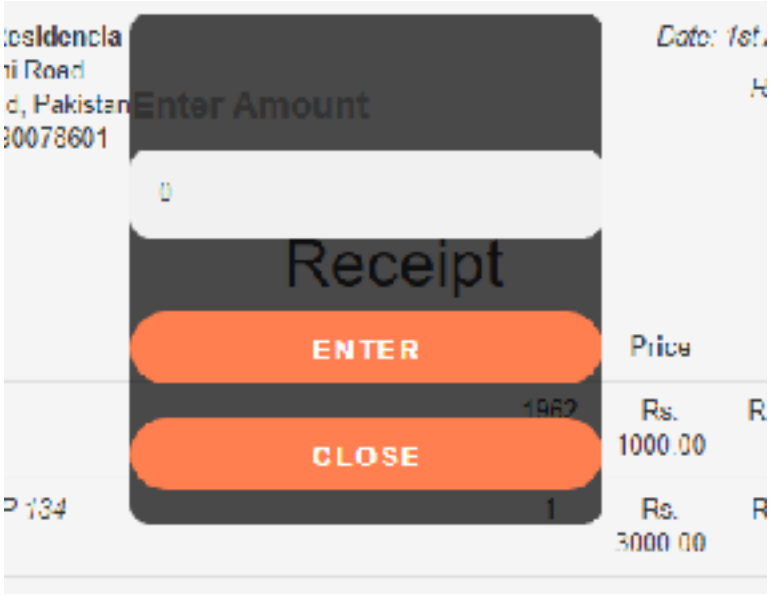
Invalid EC	Valid EC	Invalid EC
Value<0	0<=Value<=9999999	Value>9999999

2) Boundary Value Test

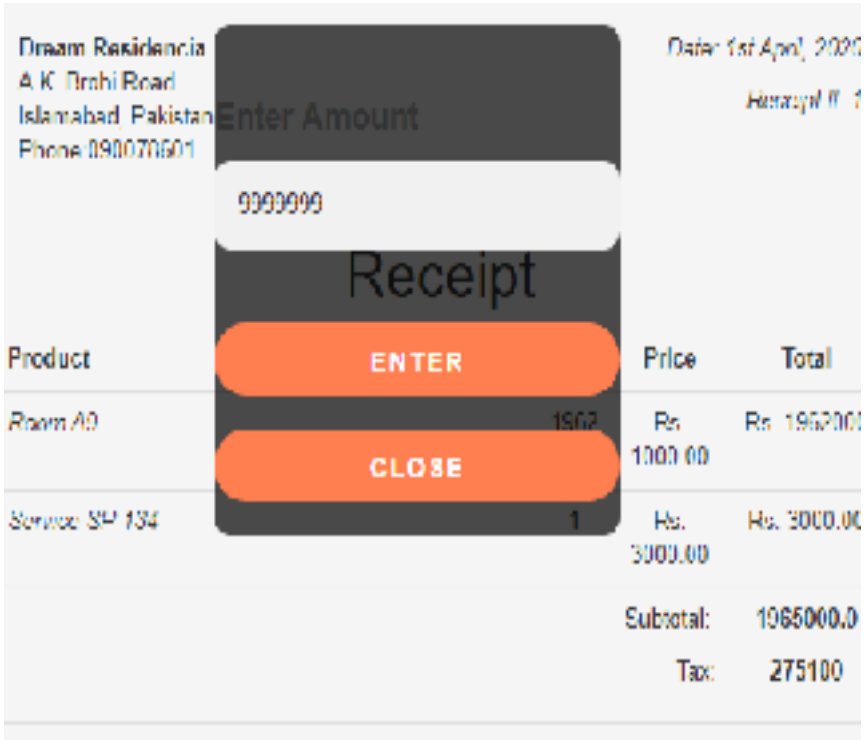
Minimum (Should Not Accept)	Just above the Minimal	A nominal value	Just below the maximum	Maximum (Should Not Accept)
-1	0	1000	9999999	10000000

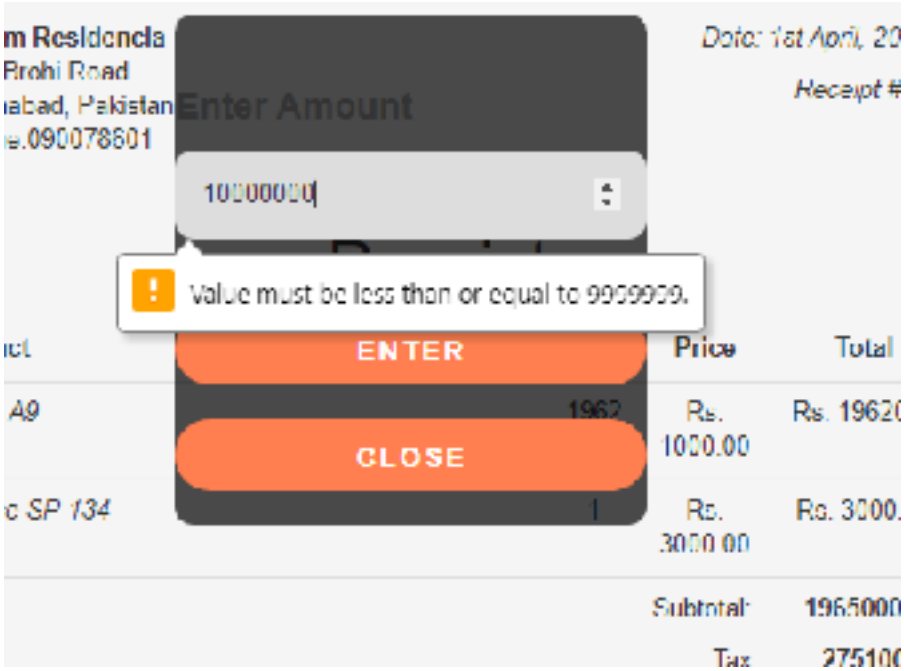
SS-1: Not Passed, **SS-2:** Passed, **SS-3:** Passed, **SS-4:** Passed **SS-5:** Not Passed


Enter Amount
-1
Value must be greater than or equal to 0.
ENTER
CLOSE
Price
Rs.
1000.00
Rs.
3000.00


Enter Amount
0
Receipt
ENTER
CLOSE
Price
Rs.
1000.00
Rs.

Residencia
Enter Amount
1000
Receipt
ENTER
CLOSE
Price
Rs.
1000.00
Rs.
3000.00


Dream Residencia
Enter Amount
9999999
Receipt
ENTER
CLOSE
Product
Price
Total
Rs.
1000.00
Rs.
3000.00
Subtotal:
Tax:
275100


Enter Amount
10000000
Value must be less than or equal to 9999999.
ENTER
CLOSE
Price
Total
Rs. 1000.00
Rs. 3000.00
Subtotal:
Tax