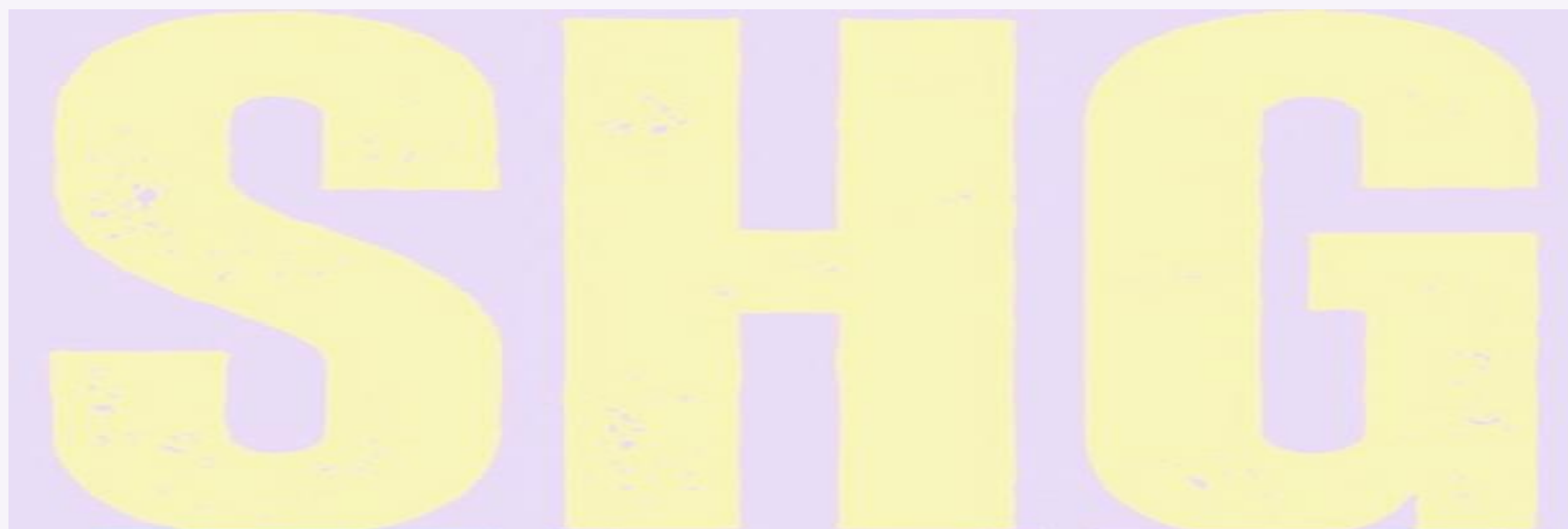




جامعة جدة
University of Jeddah



Smart Hotels Gate



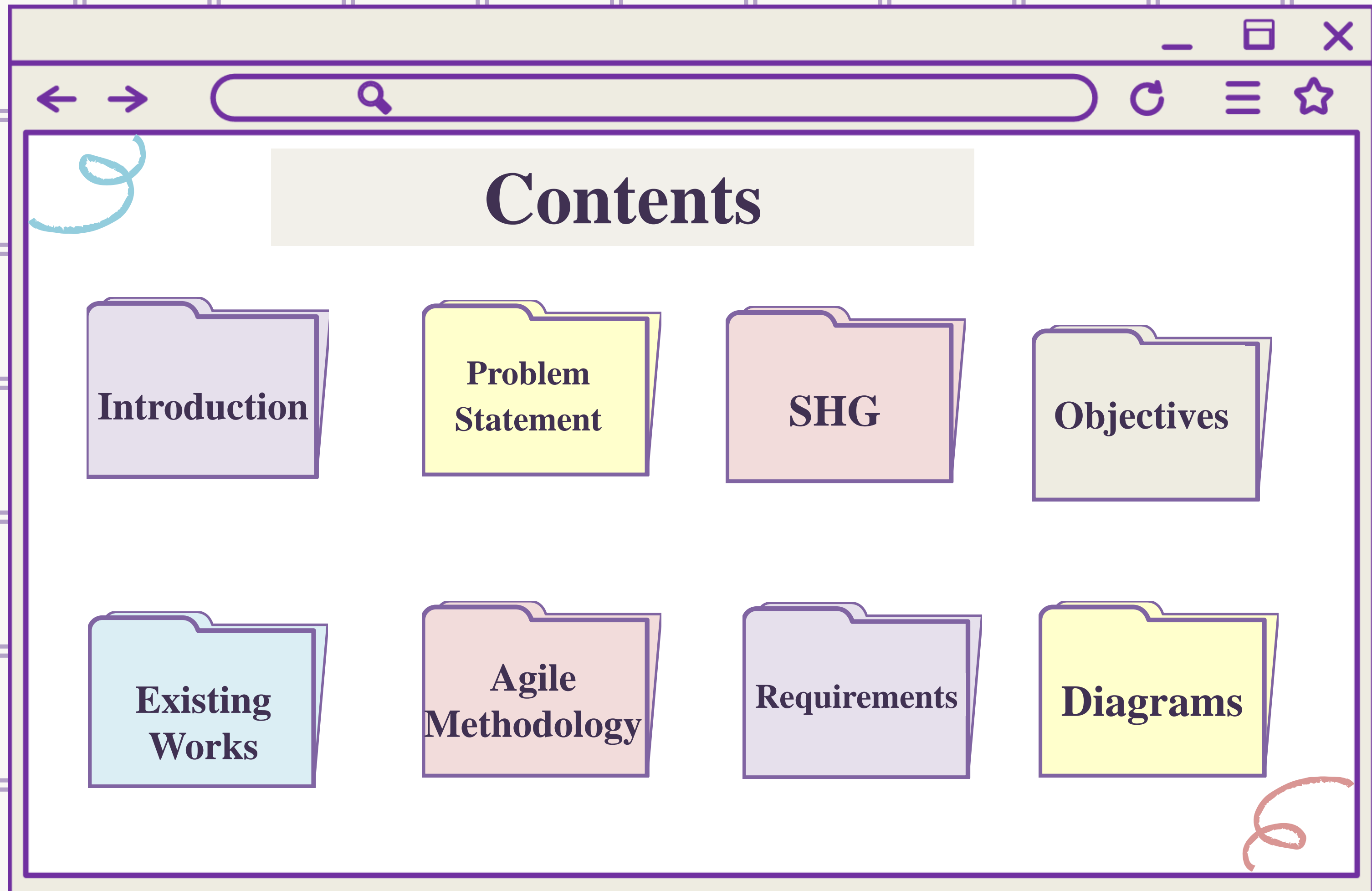
Student Name :

Abeer Abdalziz ALbishri - Atheer Turki Almaghrabi

Asayel Osamah Almaghrabi - Maha Abdulrahman Almazroai

Supervised by Dr. Nourah Janbi

Academic Year 1444 (2022)

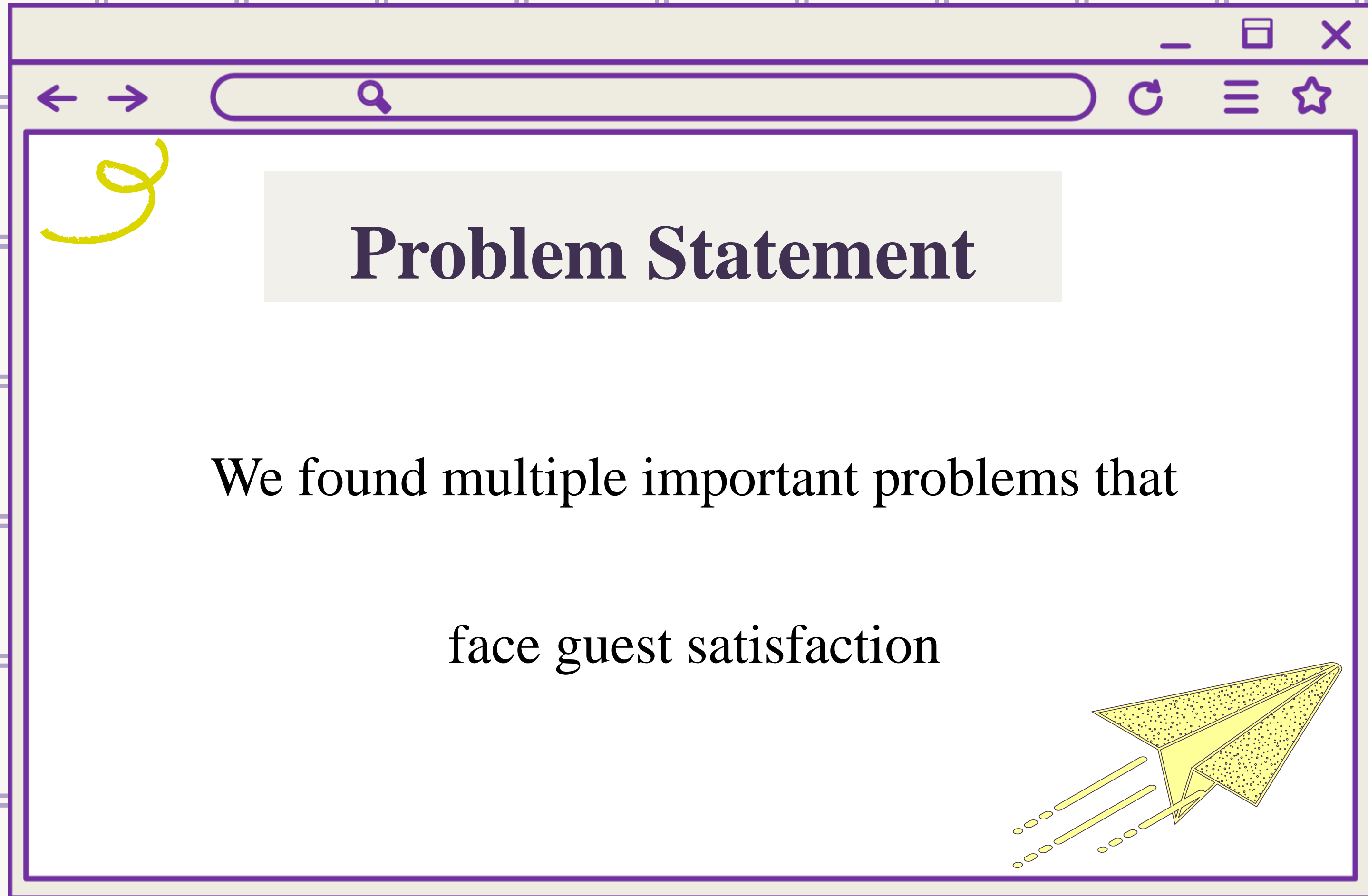




Introduction

In our modern life, the impact of technology has greatly made a
huge change.

hospitality is a major pillar from the tourism sector that must be
improved in order to meet guest satisfaction.



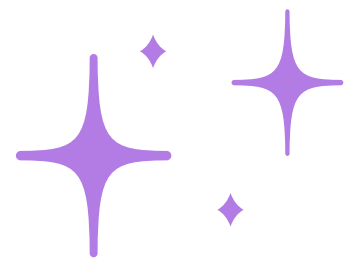
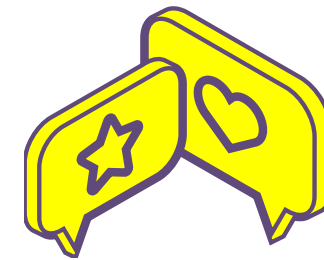


Smart Hotels Gate (SHG)

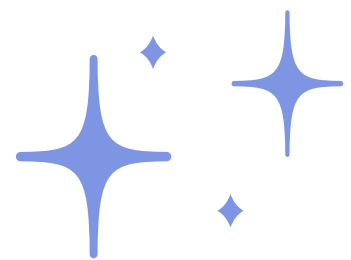
A website where guests can view, select and book hotels also receive room keys without wasting time in check-in and check-out procedures.



Smart Hotels Gate (SHG)



The **main feature** of our website is that you will be able to receive your room key 24 to 12 hours before you arrive.



The **main purpose** of our project is the contribution to the kingdom's vision for 2030 by shifting to digital at a fast pace speed process.






➤ since hospitality is one of the biggest sectors in the vision.

Objectives

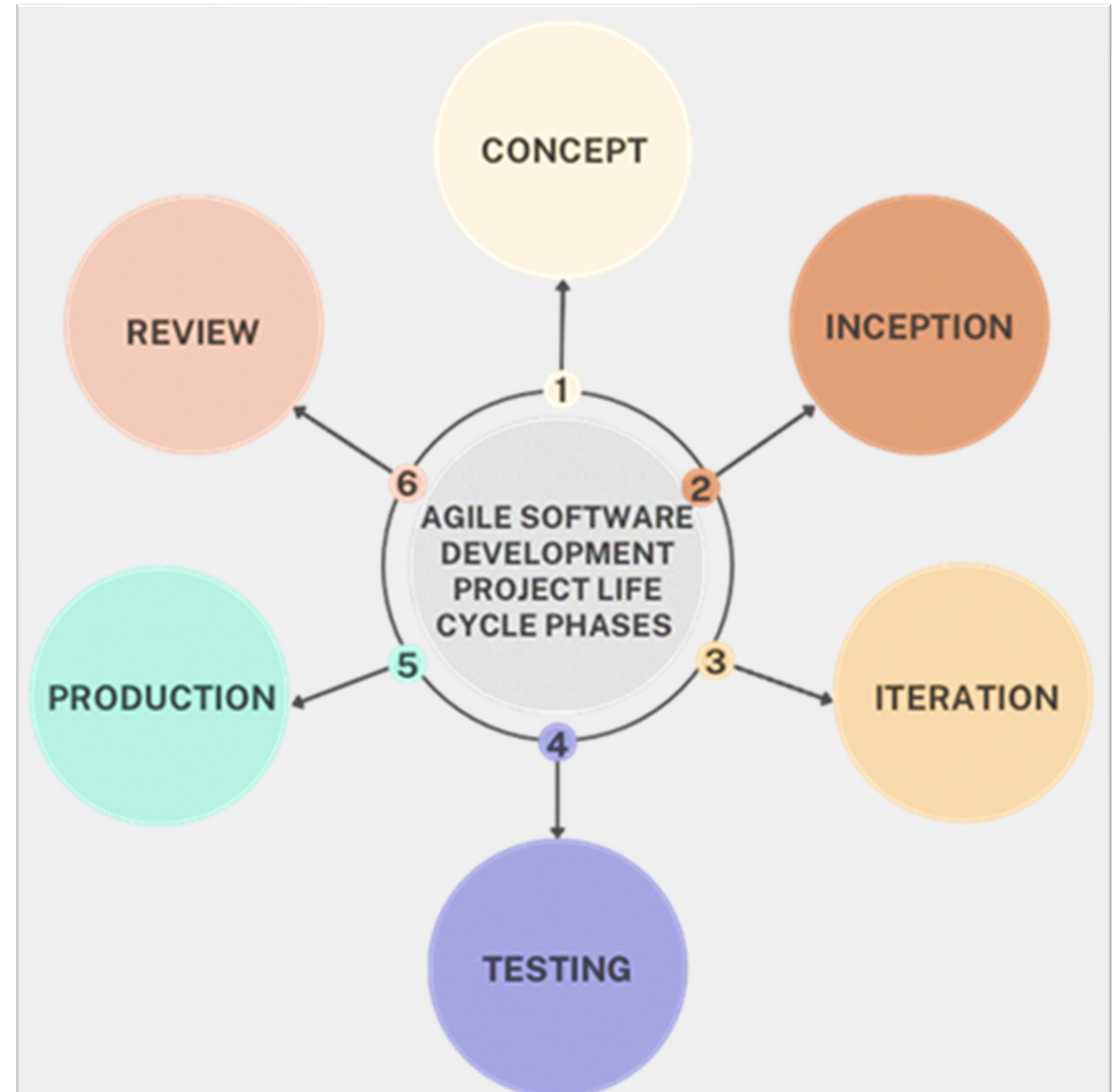


- To provide as many as possible choices of hotels for the customers
- To achieve maximum customer satisfaction
- To allow customers to register and make reservations easily
- To maximize profitability.

Existing Works

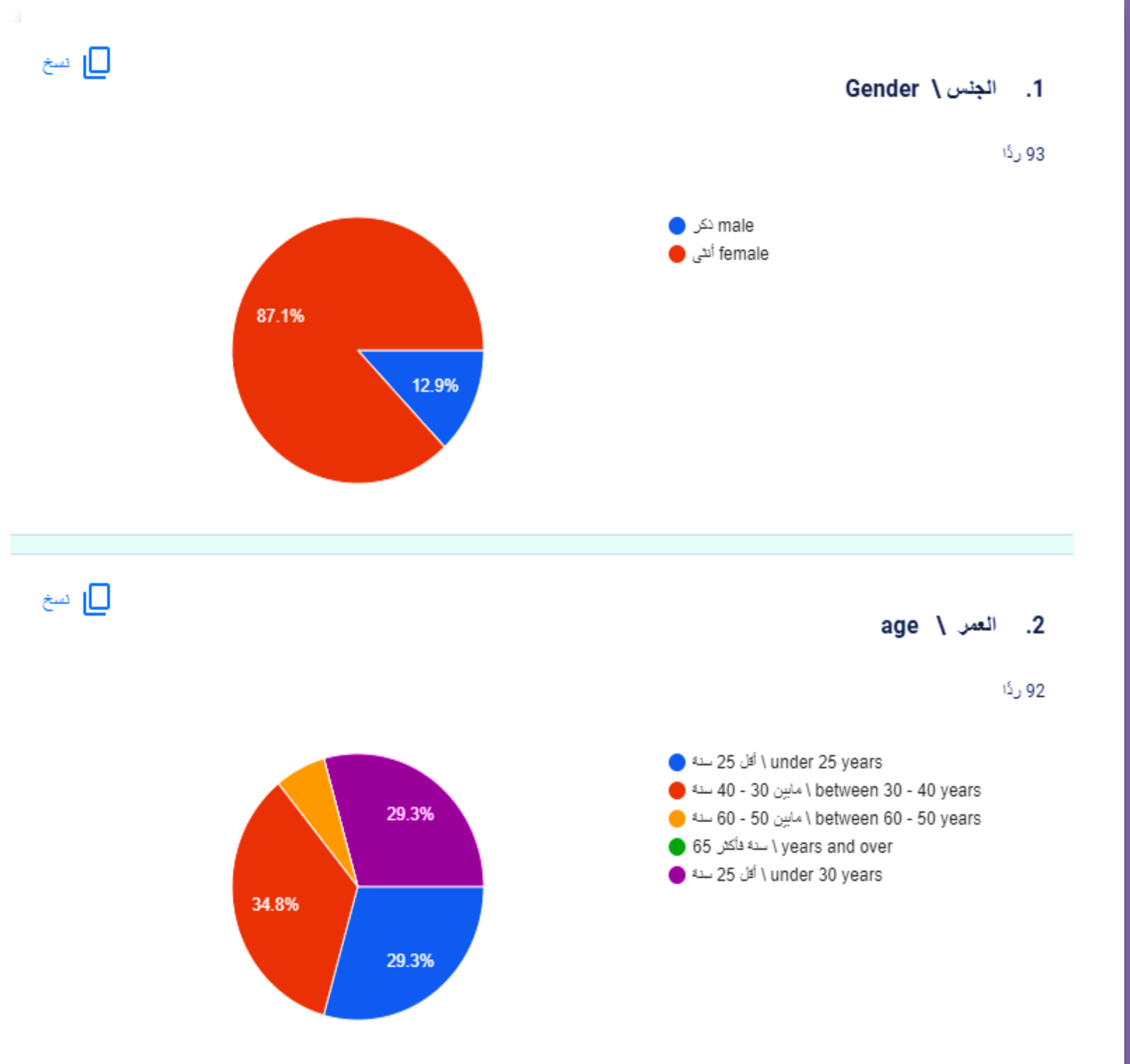
Related works	icons	Support Arabic	Free website	24/7 customer services	Easy interact with GUI	Support reservation by barcode key
Booking site		Yes	No	Yes	Yes	No
Agoda site		Yes	Yes	Yes	No	No
kayak site		Yes	Yes	Yes	No	No
Almosafer site		Yes	Yes	Yes	Yes	No
SHG site		Yes	Yes	Yes	Yes	Yes

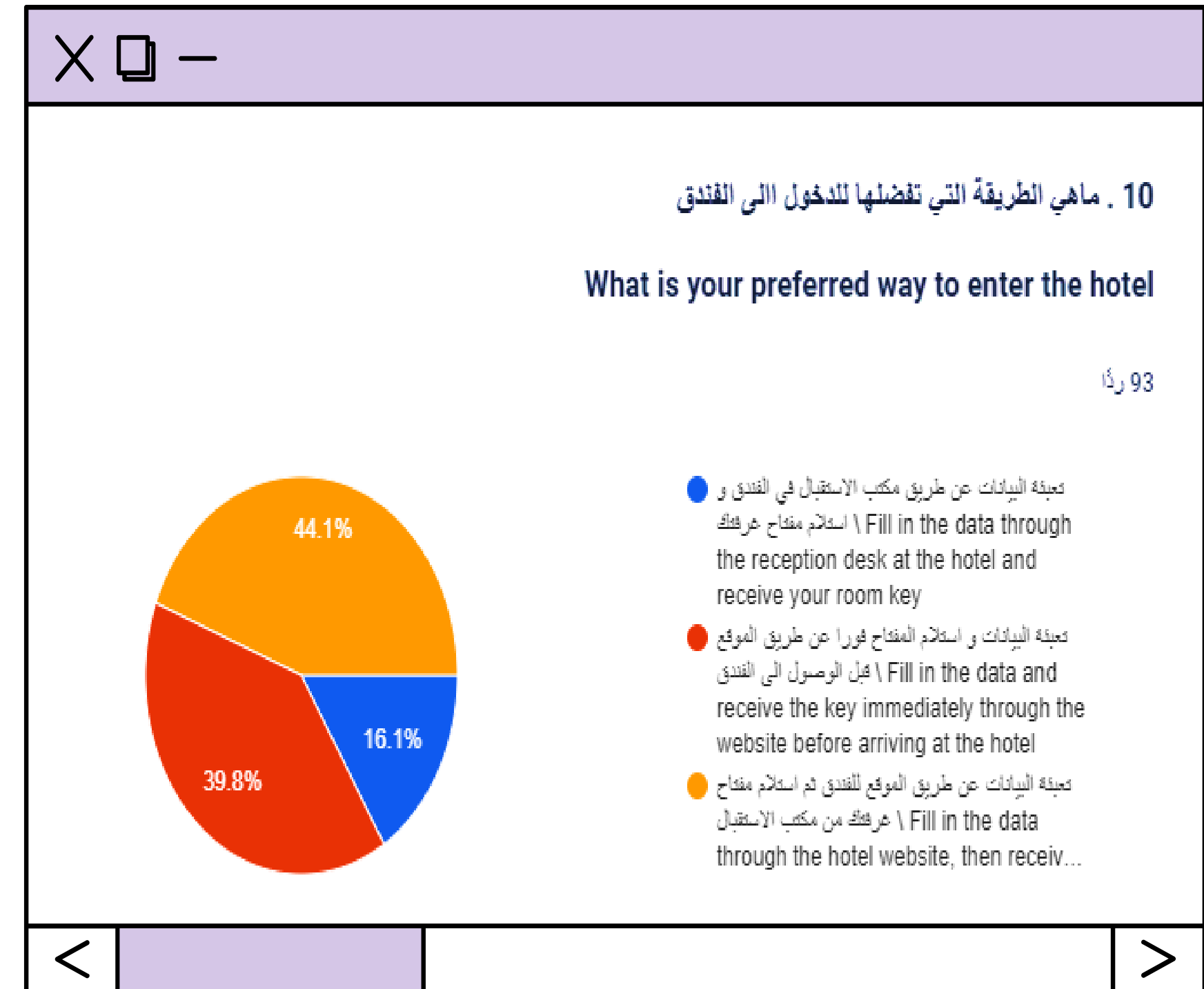
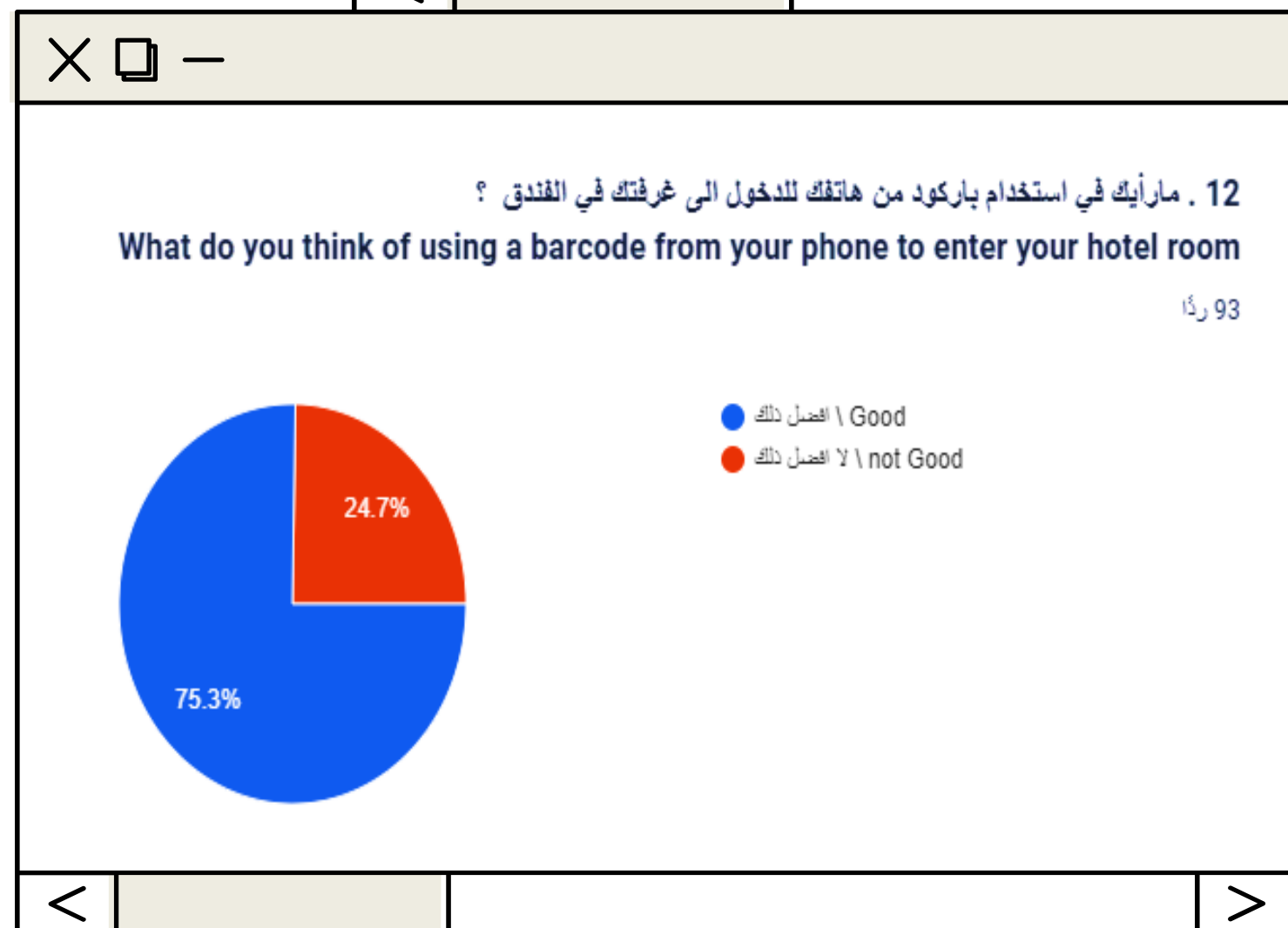
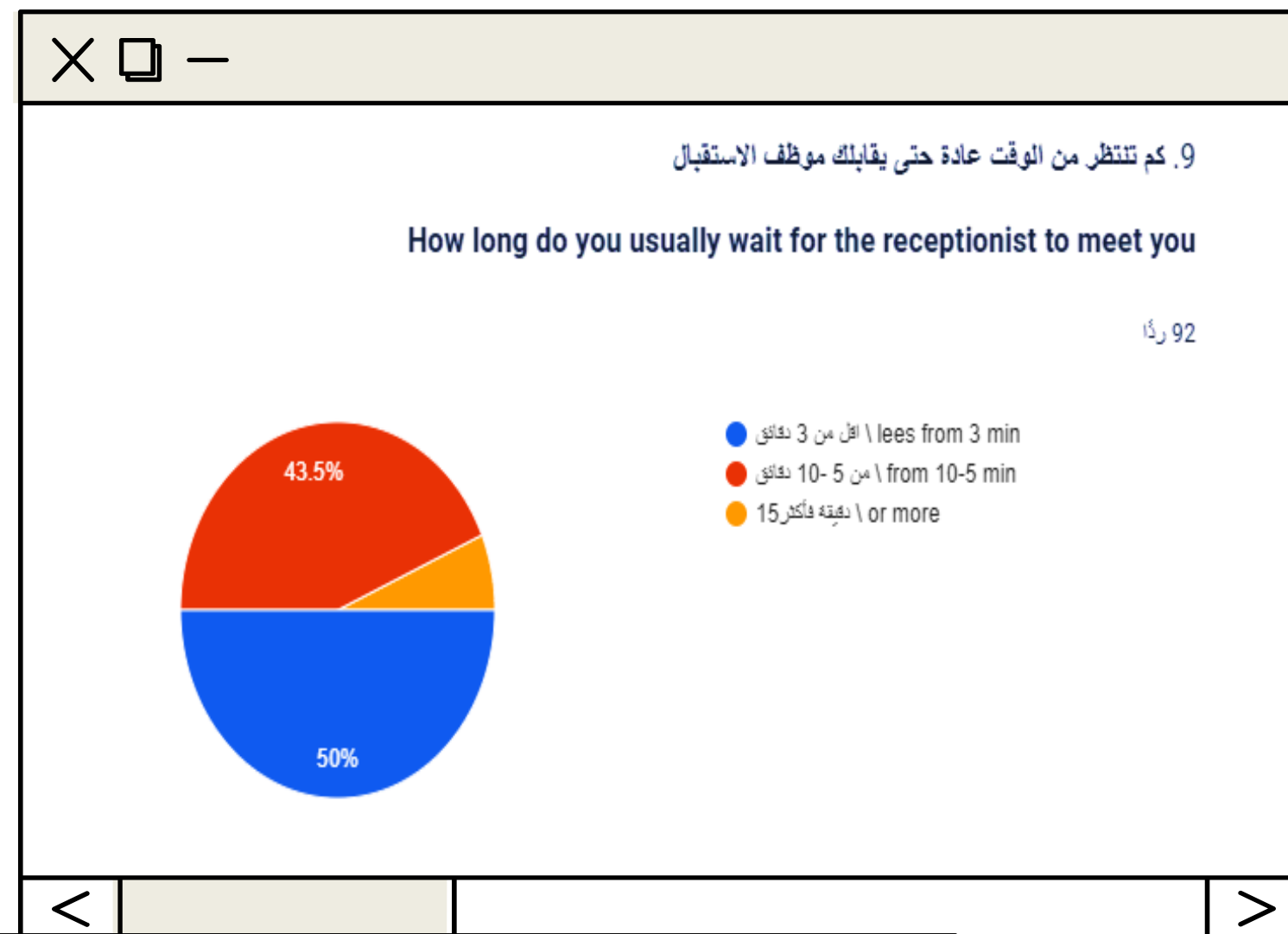
The Agile Methodology



Requirements elicitation Techniques

We collected the requirements for our project by using, the questionnaire technique.







18. هل لديك أية اقتراحات لتحسين جودة خدمات مواقع حجز الفنادق في المستقبل؟ رجاء شاركنا بها.

56 ردًا

تكون أكثر مصداقية بصور الفندق و برنامج يجمع جميع فنادق داخل وخارج السعودية

التعامل الجيد

أتمنى يفعلو ميزة الباركود عن طريق الجوال

ان تكون اسعاره تناسب الجميع

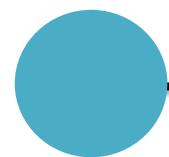
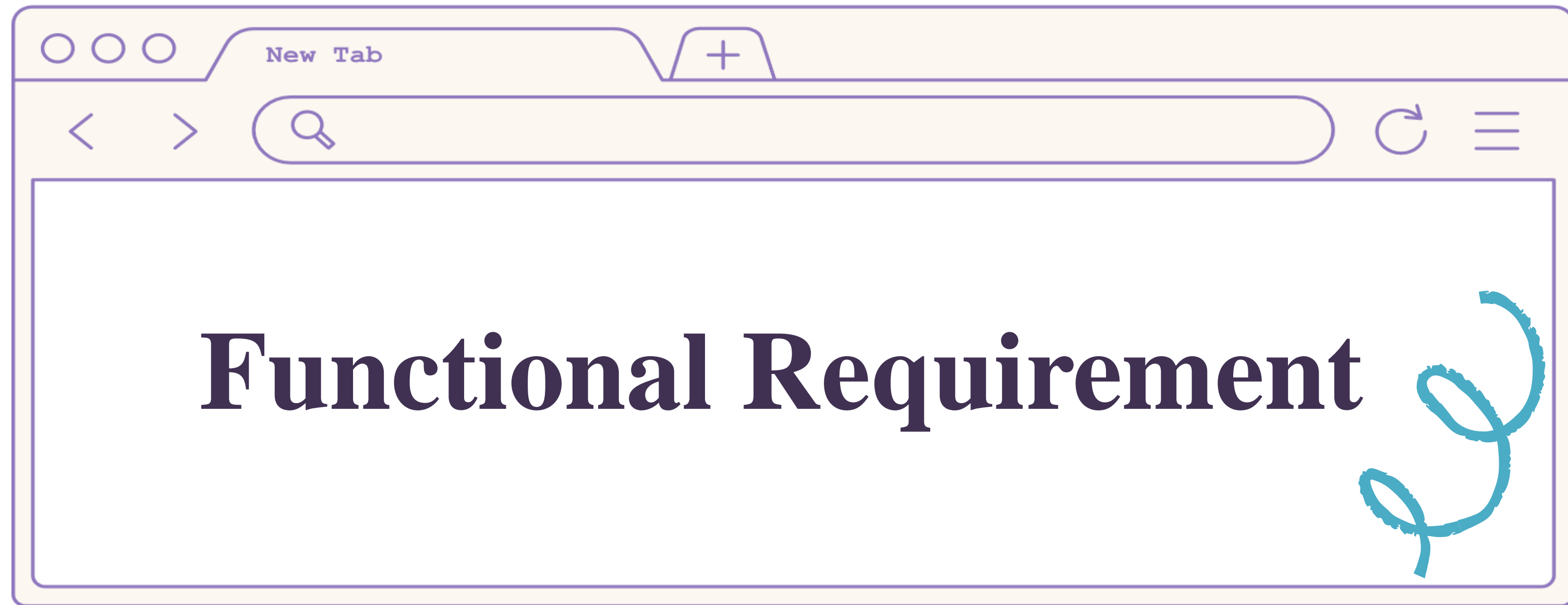
تسهيل و تقليل وقت المستخدم في الحجز و الدخول للغرفة

الغاء الحجز بسهولة واسترجاع المبلغ

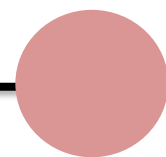
امل سرعة الانجاز

إضافة مواقع المتكومات والسوبر ماركت القريبة من الفندق لتوفير الوقت

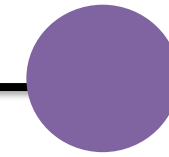
ليس لدي



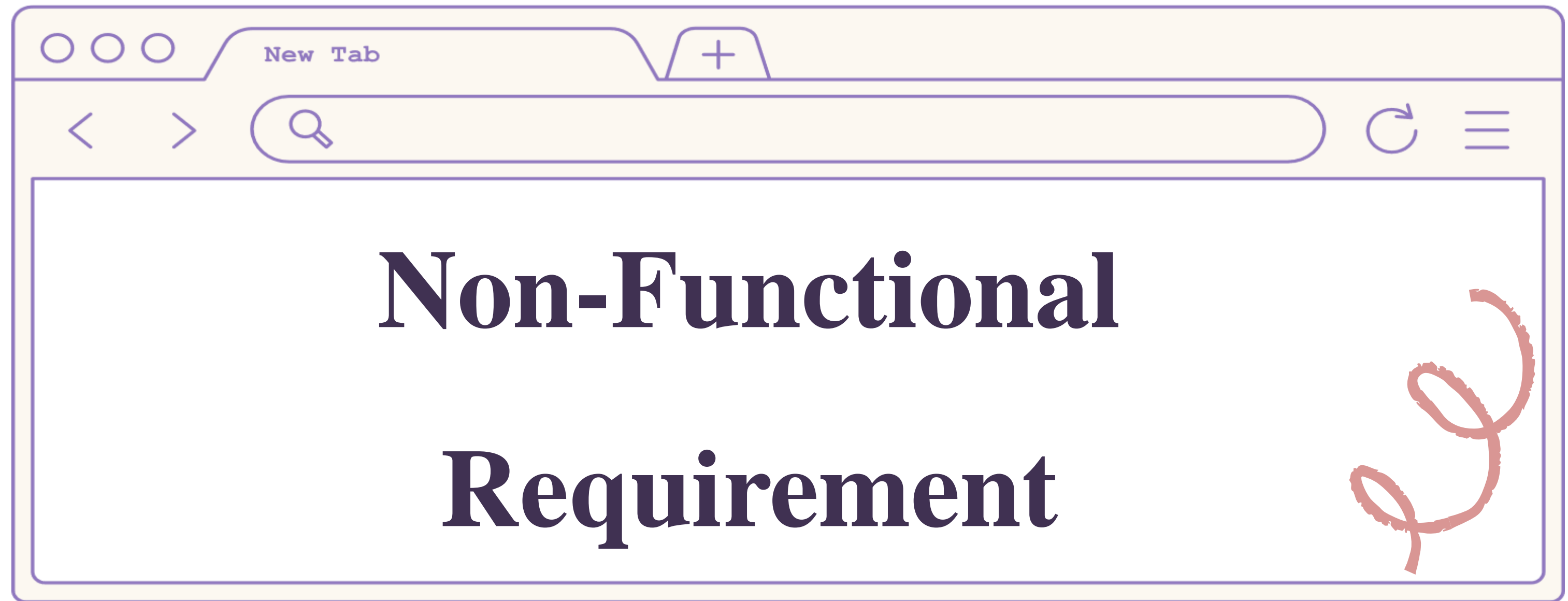
Administrator



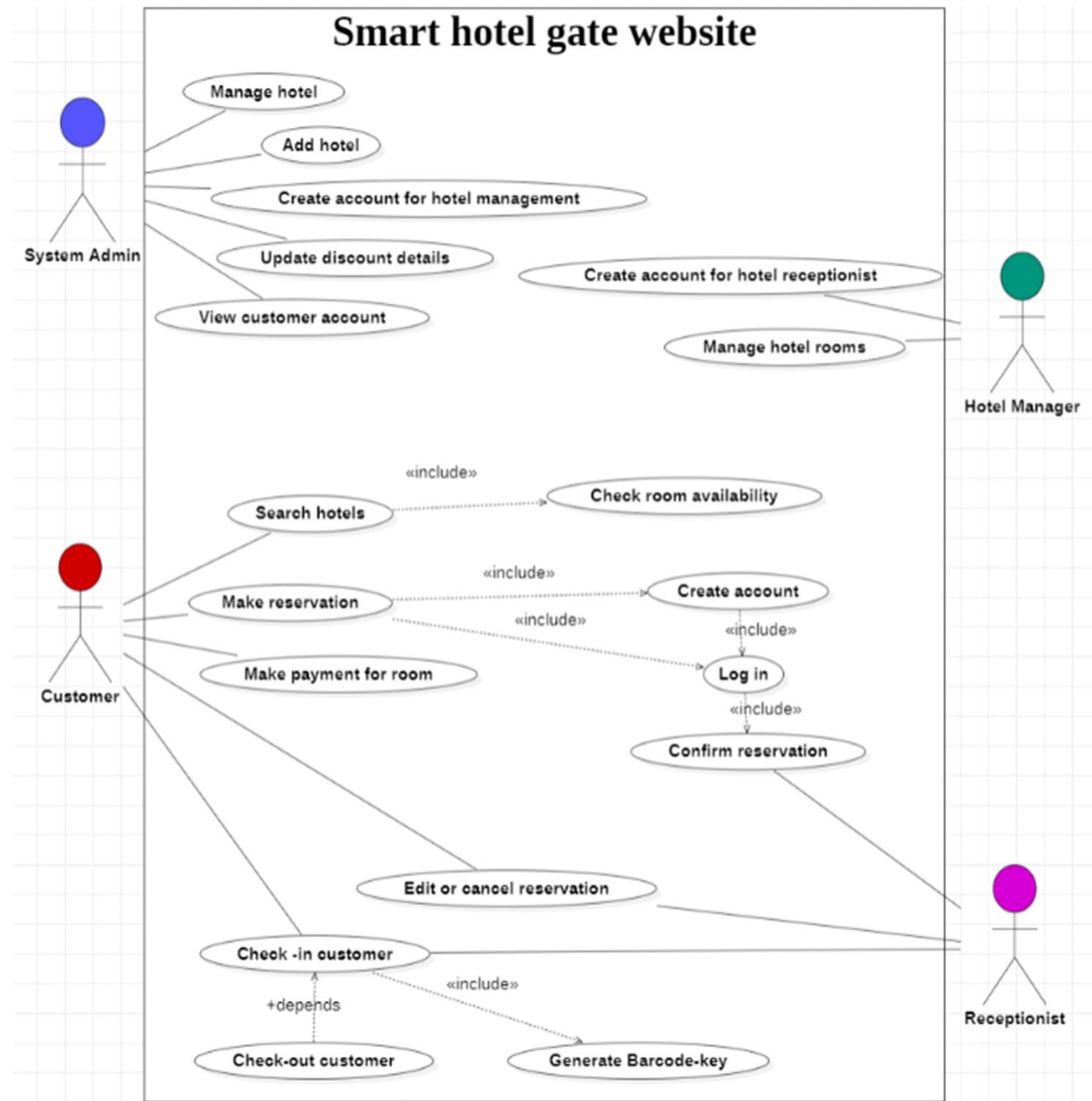
Booking website

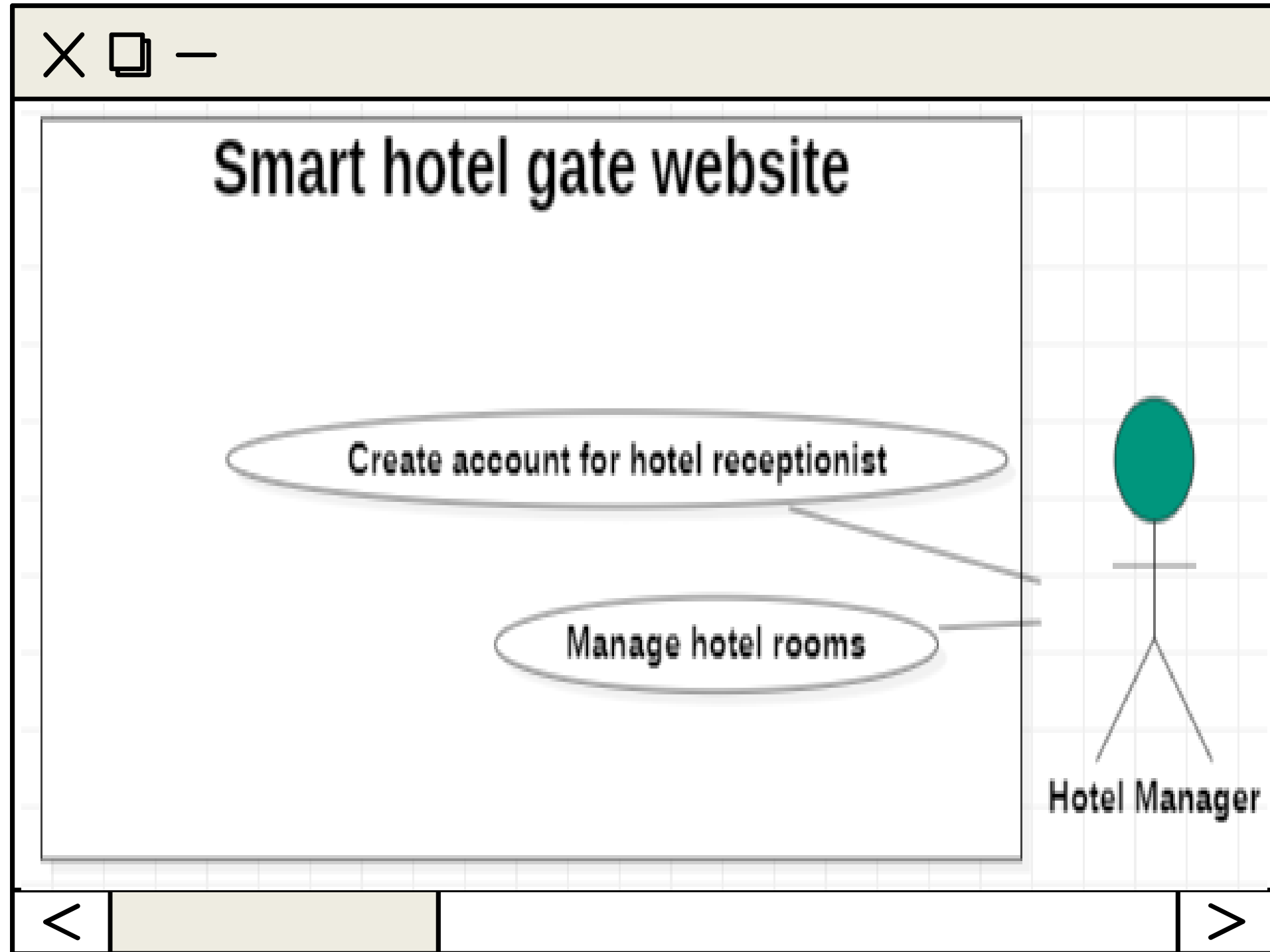
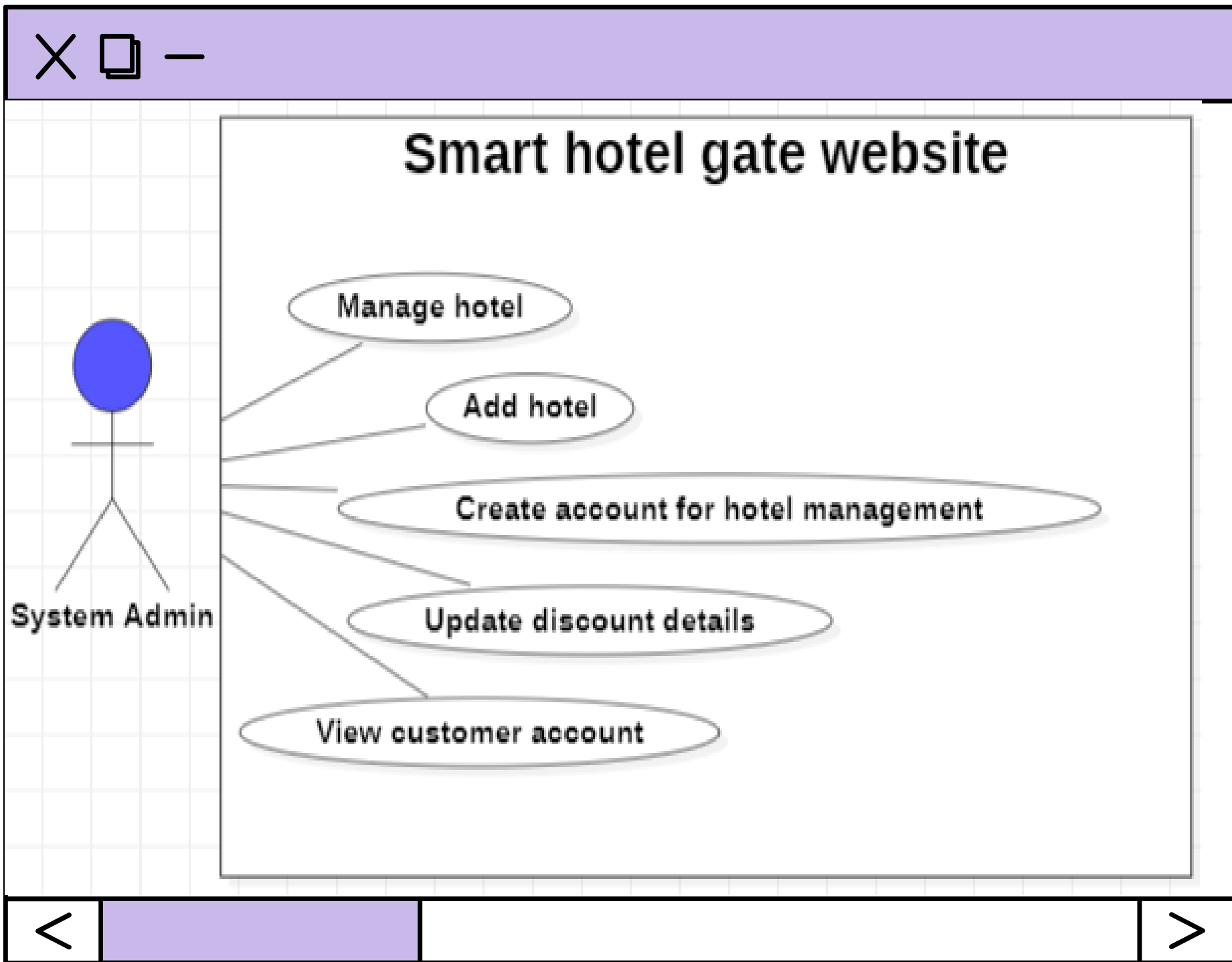


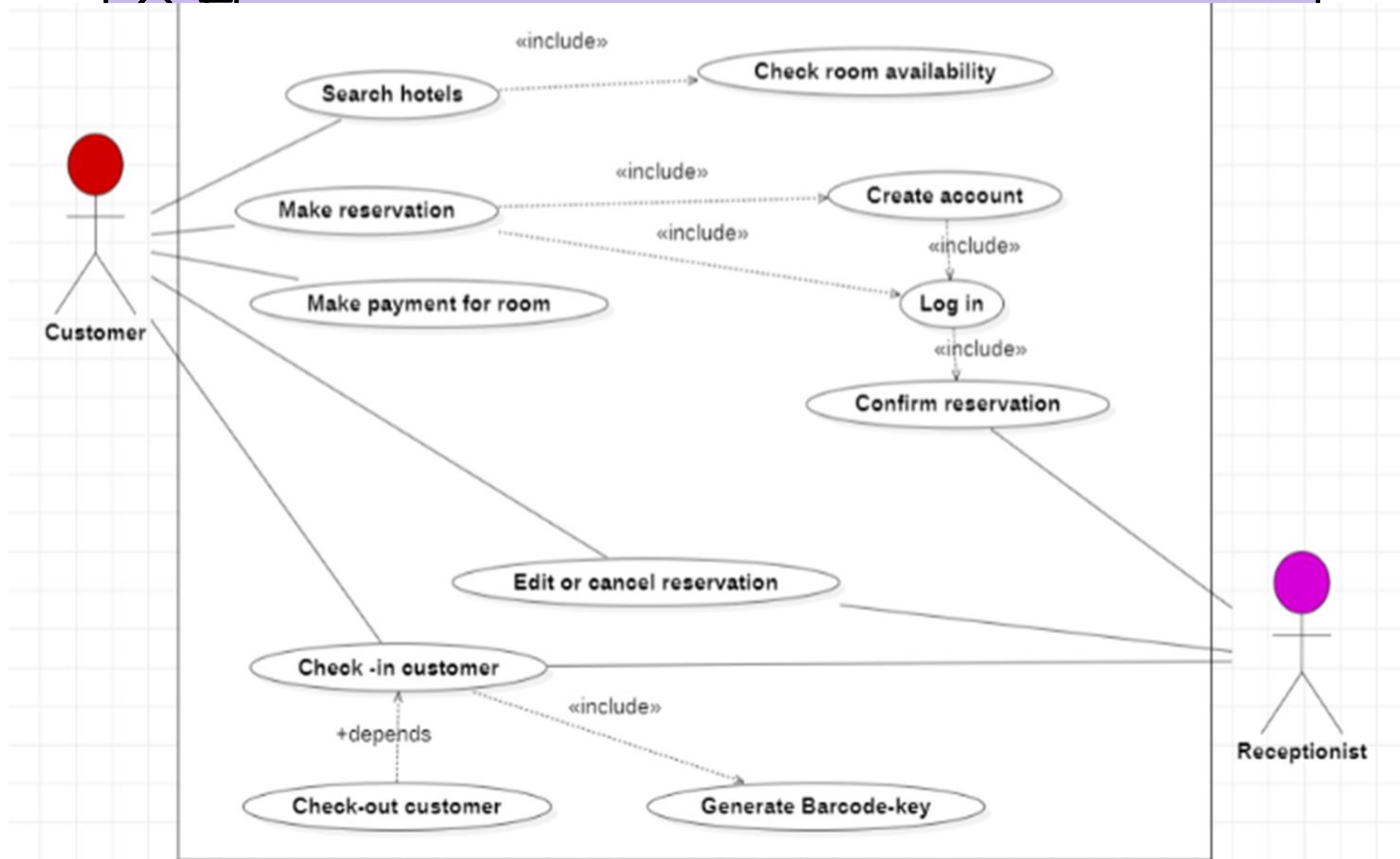
Reception



Use Case Diagram









Data Dictionary

Field name	Data type	Description
Table name: Customer		
Customer_ID	INT	The customer id (primary key).
Hotel_ID	INT	The hotel id (foreign key).
Room_ID	INT	The room id (foreign key).
Room_type	VARCHAR (50)	The type of room in the hotel (foreign key).
Reservation_ID	INT	The reservation id (foreign key).
Customer_name	VARCHAR (20)	The name of the customer.
Customer_password	VARCHAR (50)	The password used in registration and login.
Customer_city	VARCHAR (50)	The city of the customer
Customer_email	VARCHAR (50)	The email of the customer.
Customer_phone	INT	The phone of the customer.
Customer_address	VARCHAR (50)	The address of the customer
Table name: Receptionist		
Receptionist_ID	INT	The receptionist id (primary key).
Hotel_id	INT	The hotel id (foreign key).
Customer_ID	INT	The customer id (foreign key).
Room_ID	INT	The room id (foreign key).
Reservation_ID	INT	The reservation id (foreign key).
Receptionist_name	VARCHAR (20)	The name of the receptionist.
Receptionist_password	VARCHAR (50)	The password used in registration and login.
barcode_key_room	VARCHAR (50)	The barcode key room of customer
Table name: Hotel Manager		
HotelManager_ID	INT	The manager id (primary key).
SystemAdmin_ID	VARCHAR (20)	The admin id (foreign key).
Hotel_ID	INT	The hotel id (foreign key).
Room_ID	INT	The room id (foreign key).
Room_price	VARCHAR (50)	The price of room in hotel (foreign key).
HotelManager_password	VARCHAR (50)	The password used in registration and login.
HotelManager_email	VARCHAR (50)	The email of manager.





Data Dictionary

Table name: System Admin

SystemAdmin_ID	VARCHAR (20)	The admin id (primary key).
Hotel_ID	INT	The hotel id (foreign key).
HotelManager_id	INT	The manager id (foreign key).
Discount_hotel	VARCHAR (50)	The discount on hotels.

Table name: Hotel

Hotel_id	VARCHAR (20)	The admin id (primary key).
SystemAdmin_id	VARCHAR (20)	The hotel id (foreign key).
Receptionist_id	INT	The receptionist id (foreign key).
Room_id	INT	The room id (foreign key).
Hotel_name	VARCHAR (20)	The name of the hotel.
Hotel_city	VARCHAR (50)	The city of the customer
Hotel_location	VARCHAR (50)	The city of the customer

Table name: Room

Room_id	INT	The room id (primary key).
Hotel_id	INT	The hotel id (foreign key).
Customer_id	INT	The customer id (foreign key).
Receptionist_id	INT	The receptionist id (foreign key).
Reservation_id	INT	The reservation id (foreign key).
Room_price	VARCHAR (50)	The price of room in hotel.
Room_type	VARCHAR (50)	The type of room in hotel.
Room_availability	VARCHAR (50)	The availability of room in hotel.





Data Dictionary

Table name: Reservation

Reservation_id	INT	The room id (primary key).
Reservation_days	DATE	The number of days for reservation.
Reservation_date	DATE	The start and end date for reservation.
Reservation_check-in	DATE	The check-in of reservation.
Reservation_check-out	DATE	The check-out of reservation.
Reservation_price	VARCHAR (50)	The total price of the reservation.
Reservation_status	VARCHAR (50)	The status of the reservation.
Hotel_id	INT	The hotel id (foreign key).
Customer_id	INT	The customer id (foreign key).
Customer_adults	INT	The number of adults for the customer.
Customer_children	INT	The number of children for the customer.
Receptionist_id	INT	The receptionist id (foreign key).
Room_id	INT	The room id (foreign key).
Room_price	VARCHAR (50)	The price of the room in the hotel (foreign key).
Barcode_key_room	VARCHAR (50)	The barcode key room of the customer (foreign key)
Payment_status	VARCHAR (50)	The status of the payment in the hotel.
Payment_type	VARCHAR (50)	The type of payment in the hotel.



Entity Relationship Diagram

