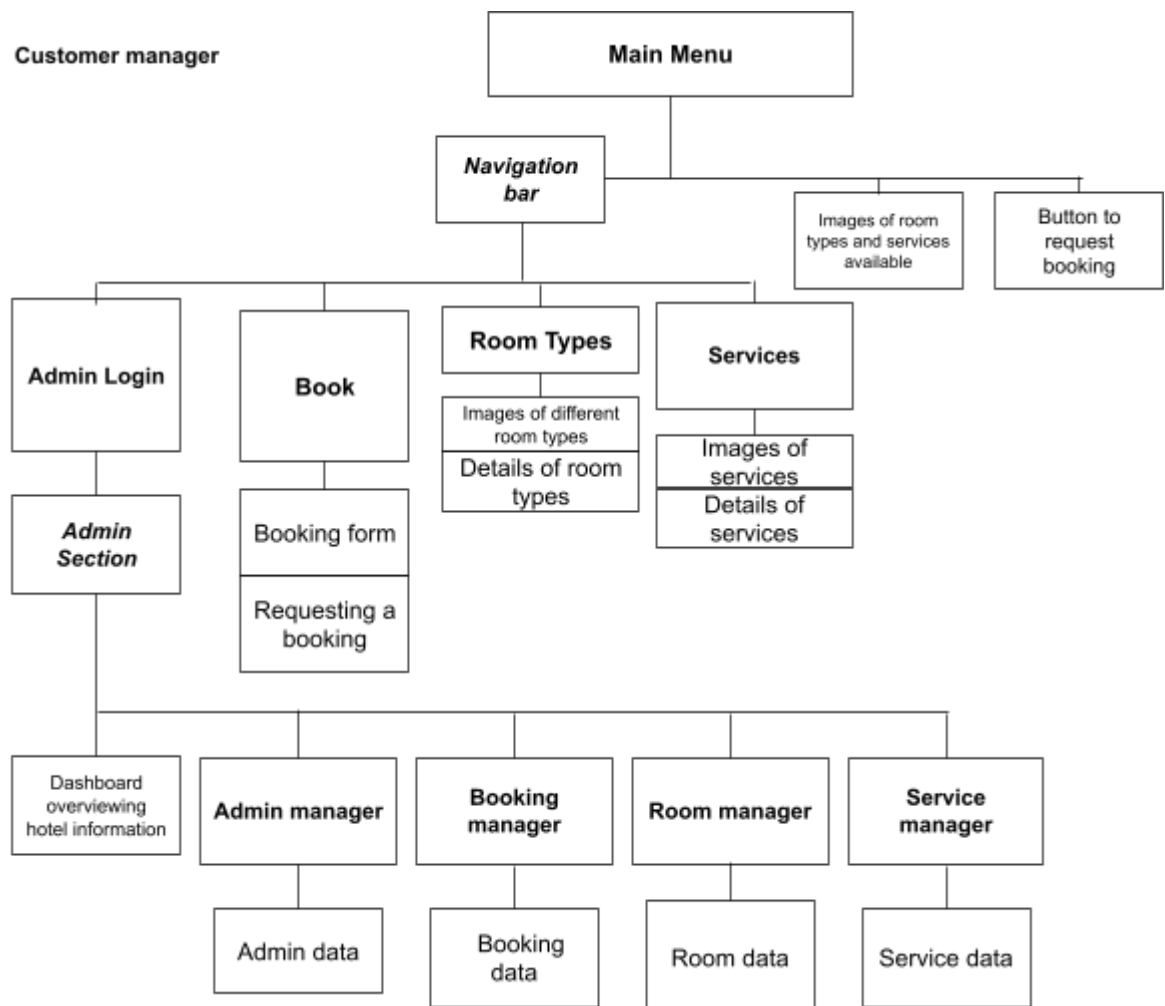
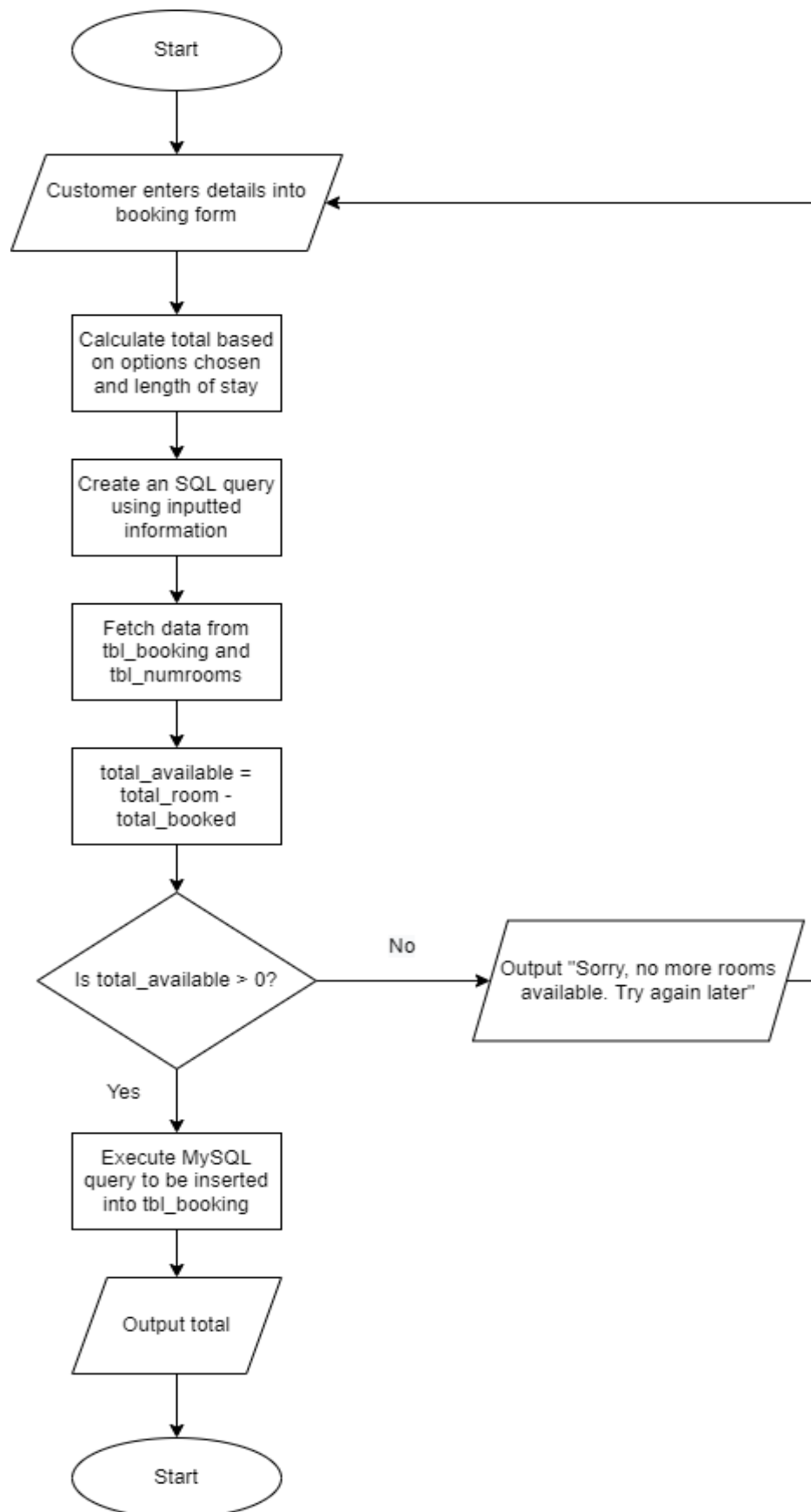


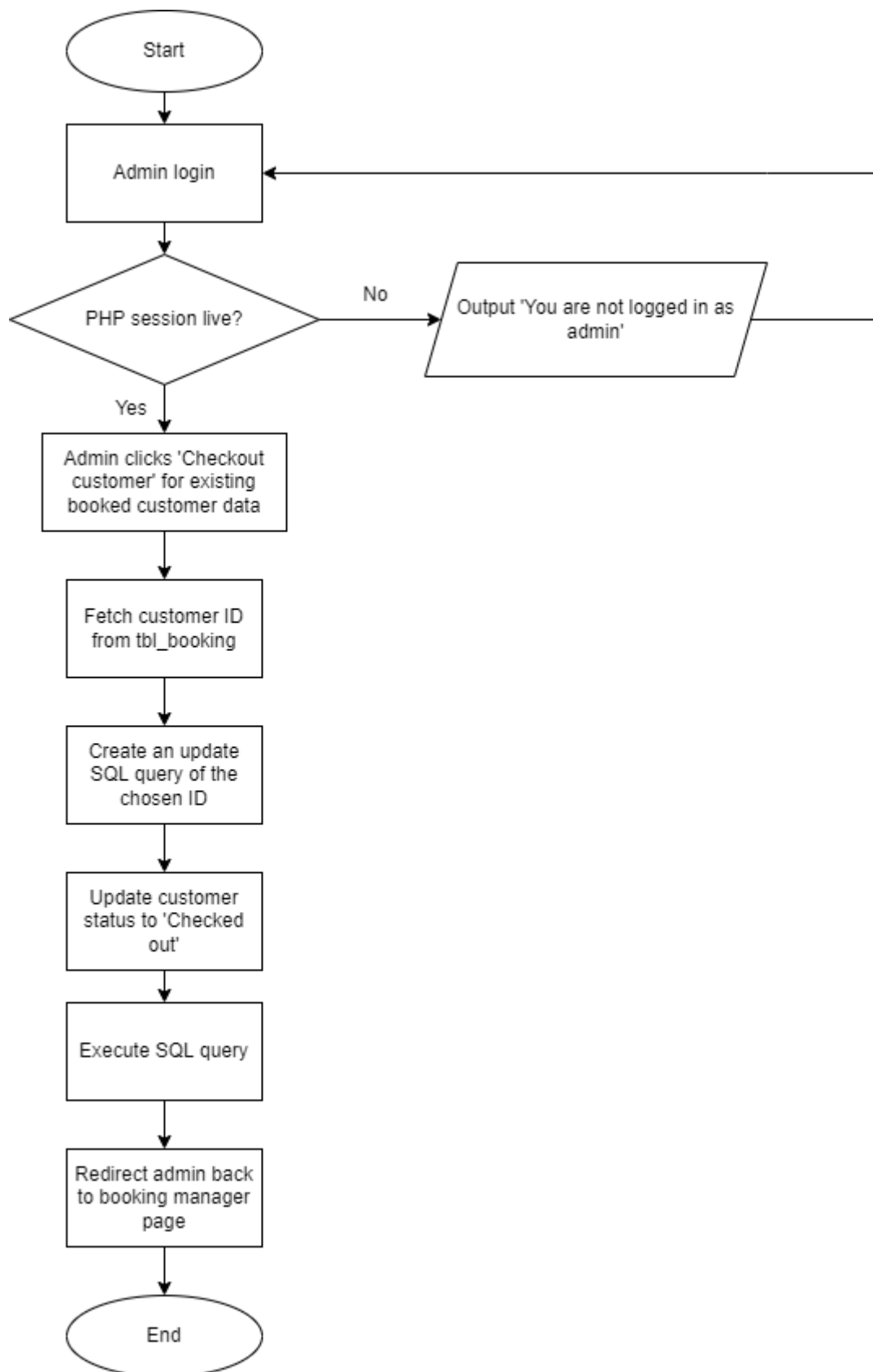
System overview chart



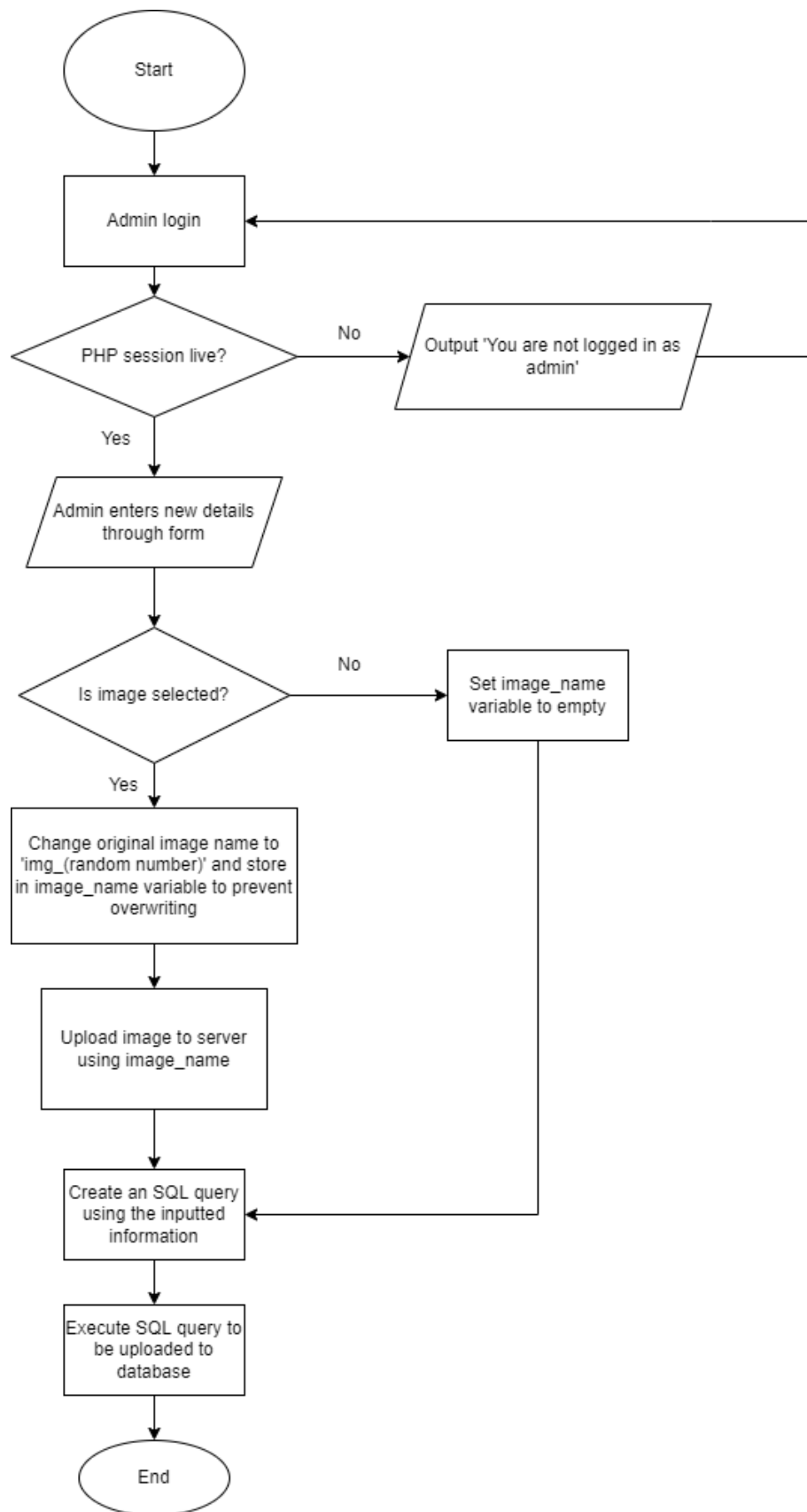
Flowchart for booking customer



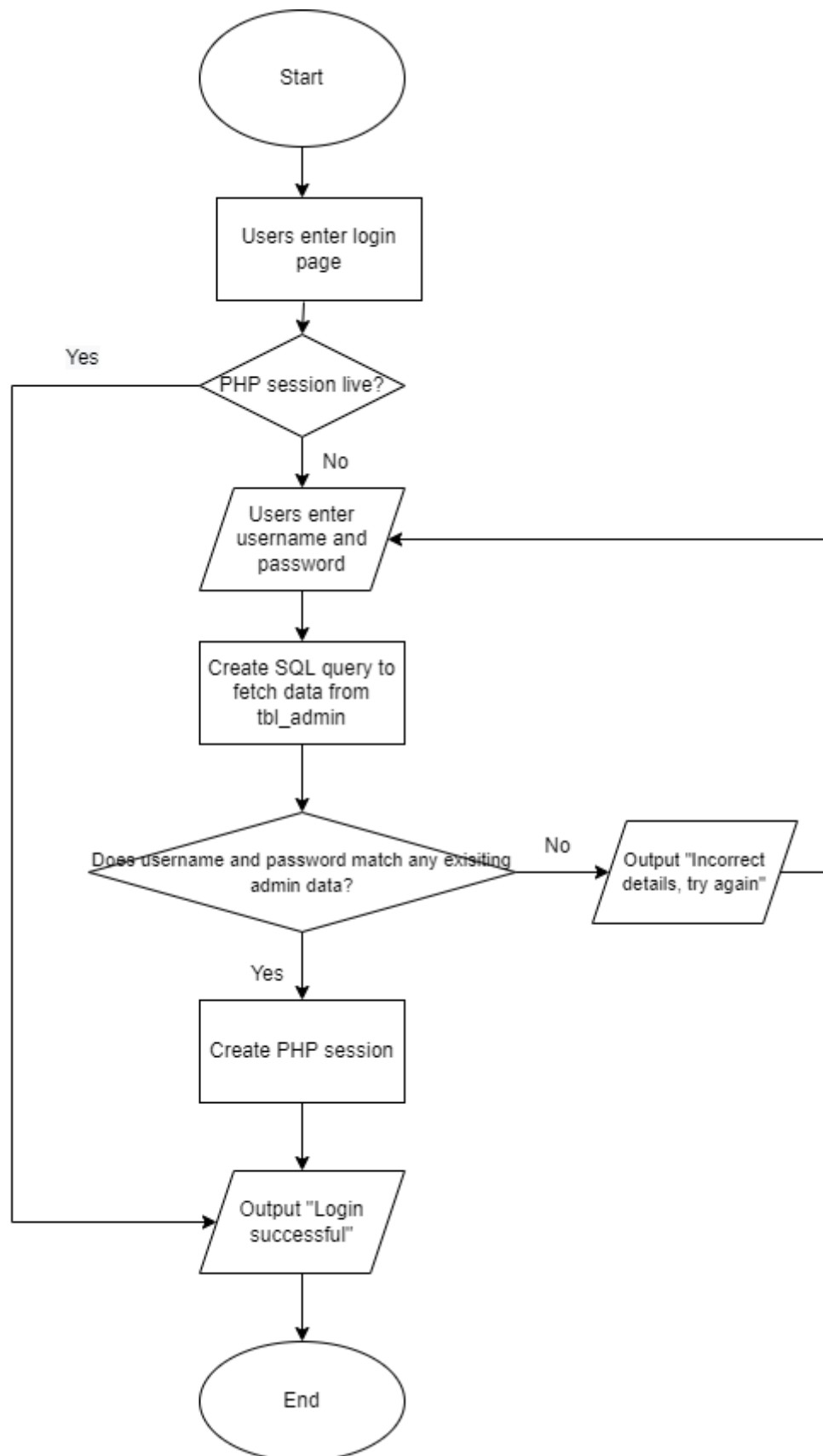
Flowchart for checking out customer



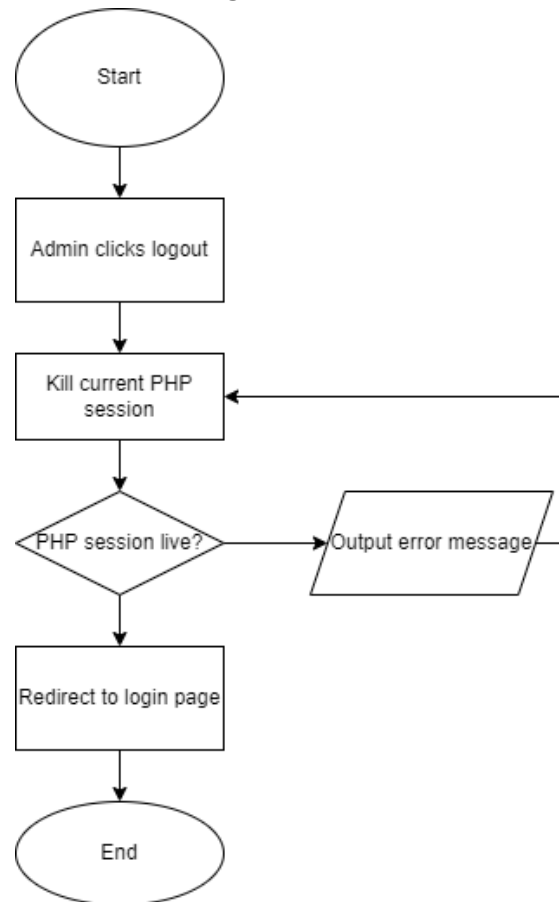
Flowchart for updating room types or service data



Flowchart for logging admin in

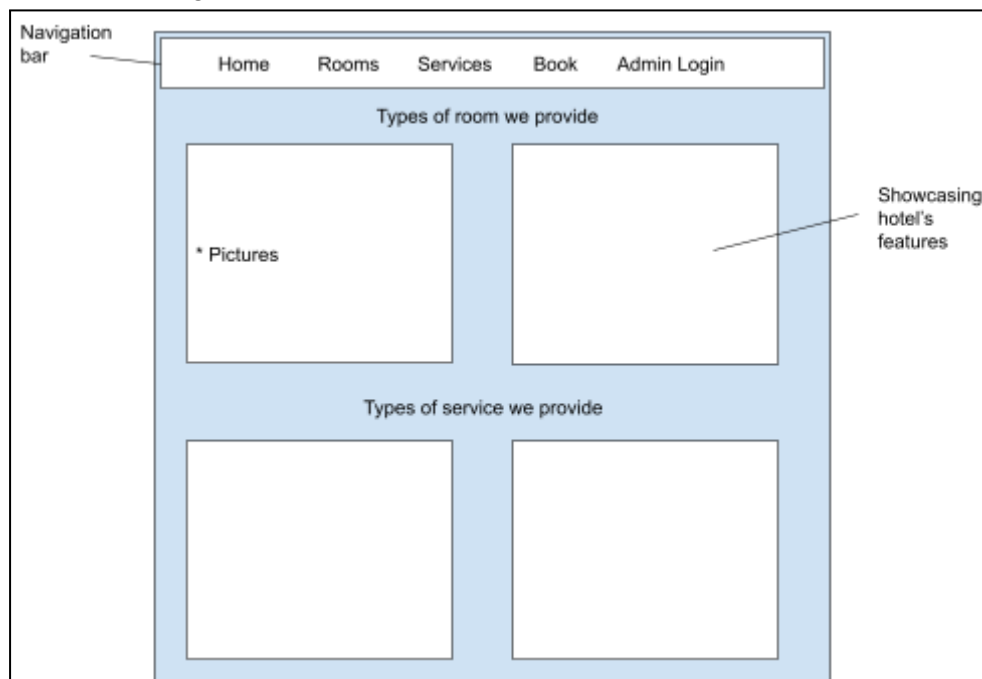


Flowchart for logging out of admin page

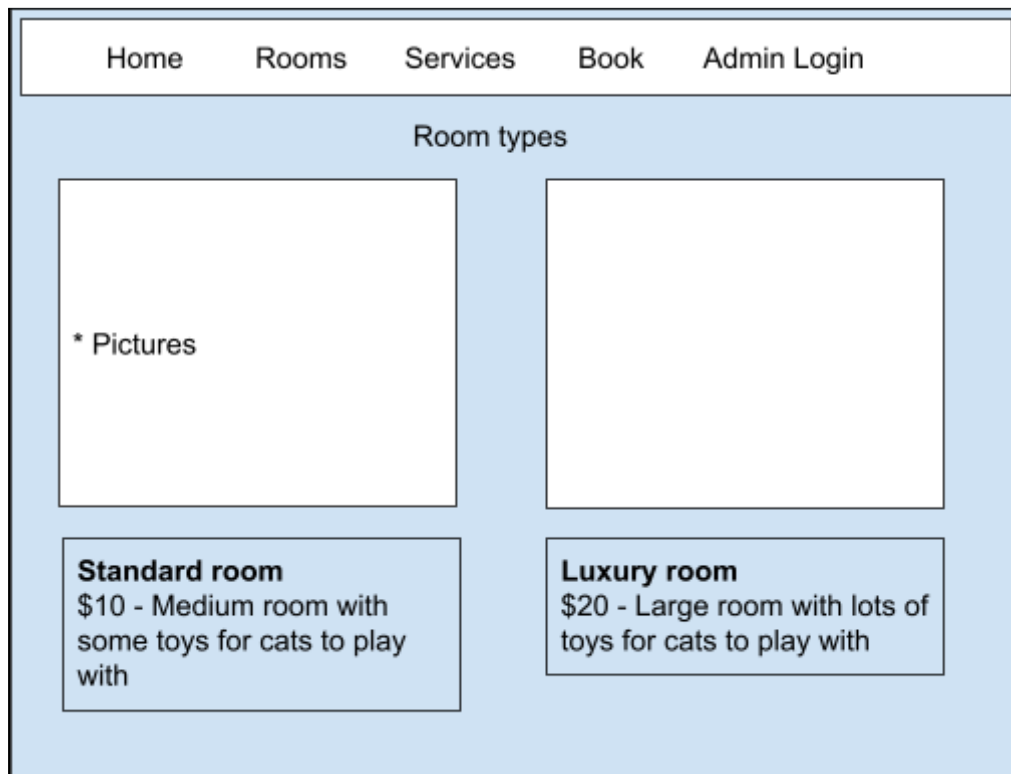


Client side interface design

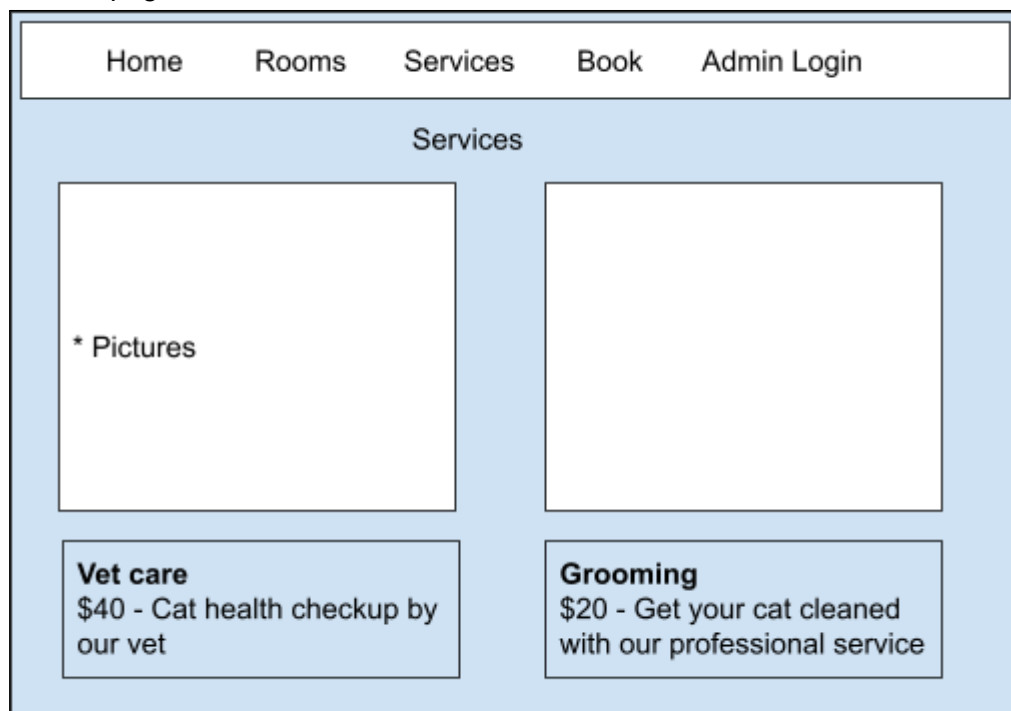
Main menu page



Room type page



Service page



Book page

[Home](#) [Rooms](#) [Services](#) [Book](#) [Admin Login](#)

Book a room for your cat

Enter your details below

Type of room:

- Standard ☐
- Premium ☐

Button to select options

Name:

Email:

Length of stay:

Type of service:

- Vet care ☐
- Grooming ☐
- None ☐

Book Now

Booking button will request booking and check against database

Admin login page

Admin Login

Enter your details below

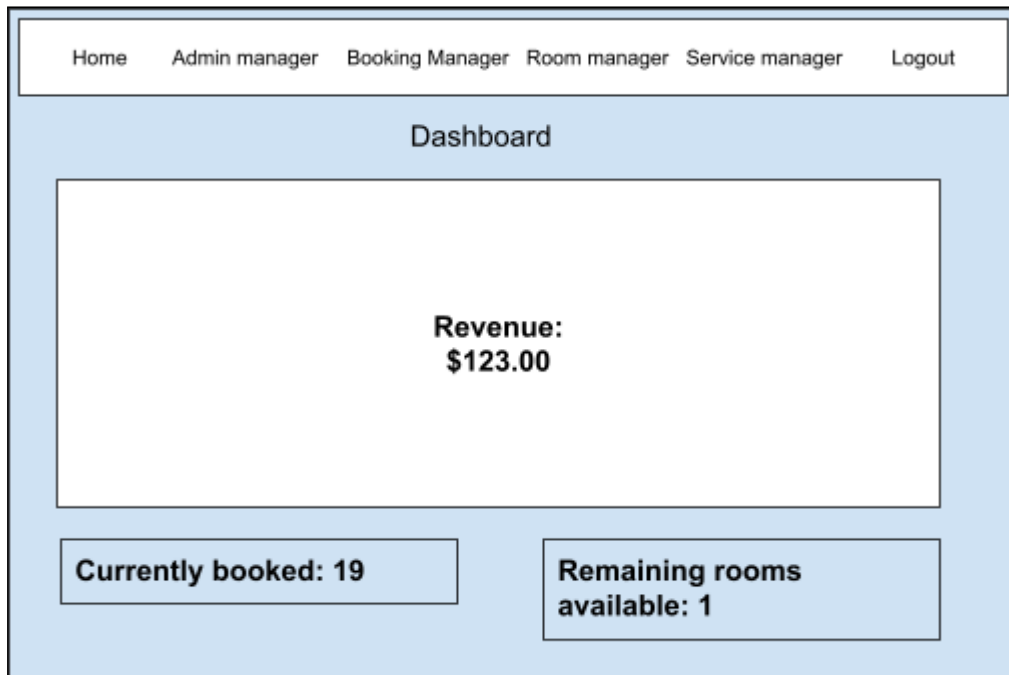
Username:

Password:

Login

Admin side interface design

Admin main page/dashboard page

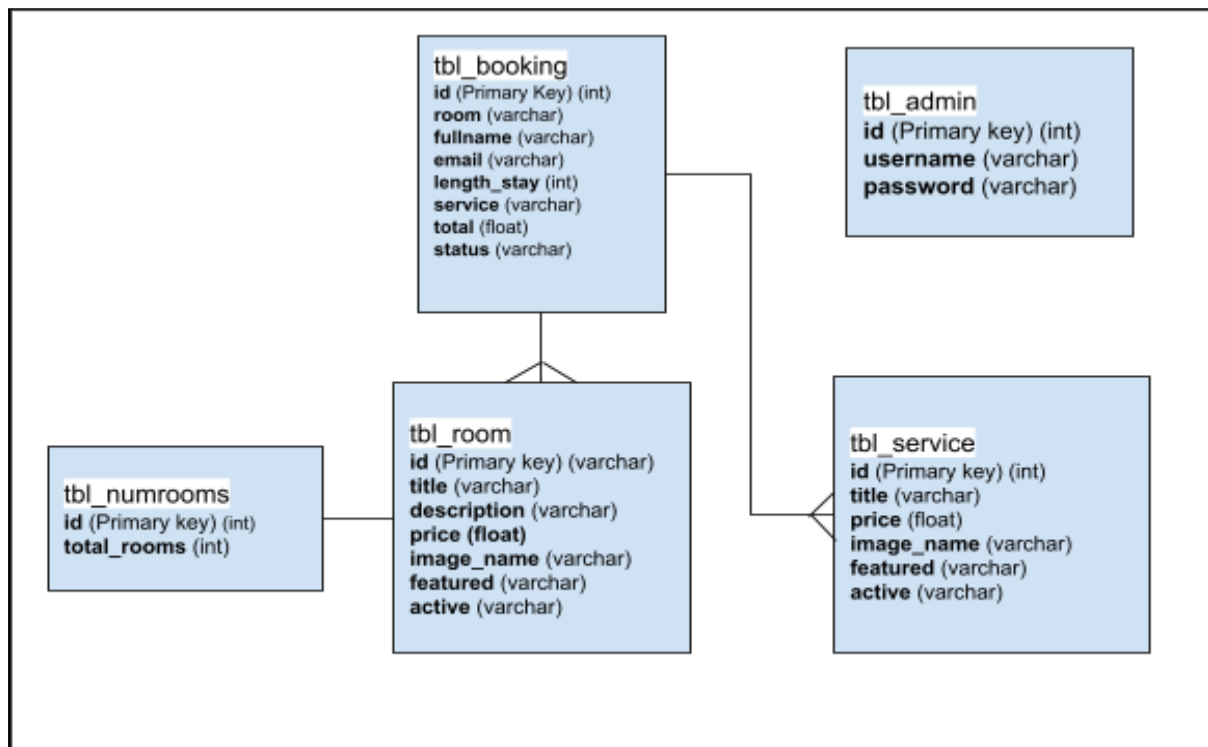


Admin booking manager page

Home Booking Manager Logout						
Booking manager						
ID	Full Name	Email	Total	Length of stay	Status	Option
1	Test 1	test12@gmail.com	\$50	8	Booked	Checkout
2	Test 2		\$60	4	Checked out	Remove

Database structures

Entity relationship diagram of databases



Example tbl_booking

id	room	fullname	email	length_stay	service	total	status
1	Standard	Test 1	test1@gmail.com	4	None	30	Booked
2	Premium	Test 2	test2@gmail.com	5	Vet care	100	Checked out
3	Standard	Test 3	test3@gmail.com	7	Cat grooming	80	Booked

Example tbl_room

id	title	description	price	image_name	featured	active
1	Standard	Test 1	10	room_img1.jpg	Yes	Yes
2	Premium	Test 2	20	room_img2.jpg	Yes	Yes
3	Luxury	Test 3	30	room_img3.jpg	No	Yes

Example tbl_service

id	title	price	image_name	featured	active
1	Cat vaccination	10	service_img1.jpg	Yes	Yes
2	Cat grooming	20	service_img2.jpg	Yes	Yes
3	None	0		No	No

Example tbl_admin

id	username	password
1	admin	admin
2	test123	12345
3	bob	abcd

Example tbl_numrooms

id	total_rooms
1	admin

Test Plan

Criteria for success	Nature of test	Expected outcome
The website has a home page.	Enter the root directory of web application	Users are redirected into the home page which contains the images and buttons
Home page promotes different types of rooms and services available.	Scroll down the home page and see what is there	Images of the different features of the hotels appear
Have a separate section for customers and admin.	Click on the admin login page and enter using authorised credentials from the database	The admin side exists separately from the customer side. It displays information which is only limited to the admins.
Have buttons to redirect to different pages (e.g. room types, services, admin login).	Click on the buttons located on the navigation bar of the web application	The buttons will bring the users to their intended web page
A page where customers can request a booking.	Click on the 'Book' button and customers input necessary details	Customers are redirected to a page containing a form where they can fill in their details and these are passed on to the database when submitted
Web application is connected to a MySQL database.	Modify the contents inside the database and observe changes in the web application.	When contents inside database are modified, content within web application (e.g. images) changes
Program refers to the database in order to check for room availability and decides whether new booking can be processed.	Click 'submit' on the booking form when the number of rooms available is 0	The web application should display a warning message indicating that the booking request cannot be processed
Flag and update database information for customers who have checked out.	Click 'check out' on the admin page for one of the customers	Customer booking status changes on the admin page
Display how much each customer needs to pay based on length of stay, room type, and service ordered.	Input customer details in the booking form	When customers click 'submit', web application displays their total based on their chosen options
Give the administrator an overview of the hotel's total	Login to admin page and look at home page	There is a dashboard which displays the revenue based

revenue on the admin section.		on the customers who have booked previously or are currently booked
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