Question 1

Users(s) of the system

The primary users of the Oceanview application system are customers like Florence who enjoys eating seafood, dining out at restaurants, customising account preferences to select preferred dishes and leaving and reading customer reviews.

- As a food critic I wish for the app to have a review feature so I can leave feedback after my meal

- As a Husband I wish for a reserve feature so I can book a table for my anniversary and have a guaranteed table for the special date

- As a surfer I enjoy watching the sea and looking at the waves crash, I wish to sit outside with a sea view. For me to be able to do this I will need an option to select where I can sit

- As an NHS worker I have an on-call job and because of this I may get called into work on the day of a reservation. Because of this I want a cancellation feature in case I cannot make a reservation

- As a passionate gardener and nature enthusiast I wish to sit outside with the garden view, in order to do this, I will need an option to select where I can sit

- As a new customer I do not own an account for the ocean view app, I wish to be able to create an account using my email and create a password.

- As a frequent customer of Ocean view, I want to have an account that allows me to customise my preferences and save my favourite dishes so that I can store what my favourite dishes are for future visits.

The secondary users will be the owner and staff of Oceanview, these users will be using the app to add new items to the menu, new tables to the booking selection (if new tables have been added to the restaurant), update opening times and view reviews.

- As a chef at Oceanview I wish to use the app to view the menu so I can show friends and family the different food I cook outside of work

- As an IT specialist for Oceanview I need access to view the login details so I can help customers with any problems they may face trying to log into their account

Analysis:

The app I am creating must tailer to the customers needs, this will include functional requirements such as:

- A view option to see the availability of tables
- An option to create a reservation/booking, this must go into detail and the customer must choose a time, date, table size and location of seating
- An option to manage bookings, this should allow the customer to cancel a booking 24 hours before the reservation
- A feedback section that allows customers to leave a review
- An option to view booking history , this will show details such as the reference number, date of booking and the total cost
- There should be a prompt to tell customers when booking that it is 10 maximum to a table
- Customers should have the option to log into their Oceanview account
- Customers can have the option to toggle notifications on and off
- Customers can manage preferences in their account settings, this can include a section for favourite meal, preferred dining time etc

Question 2

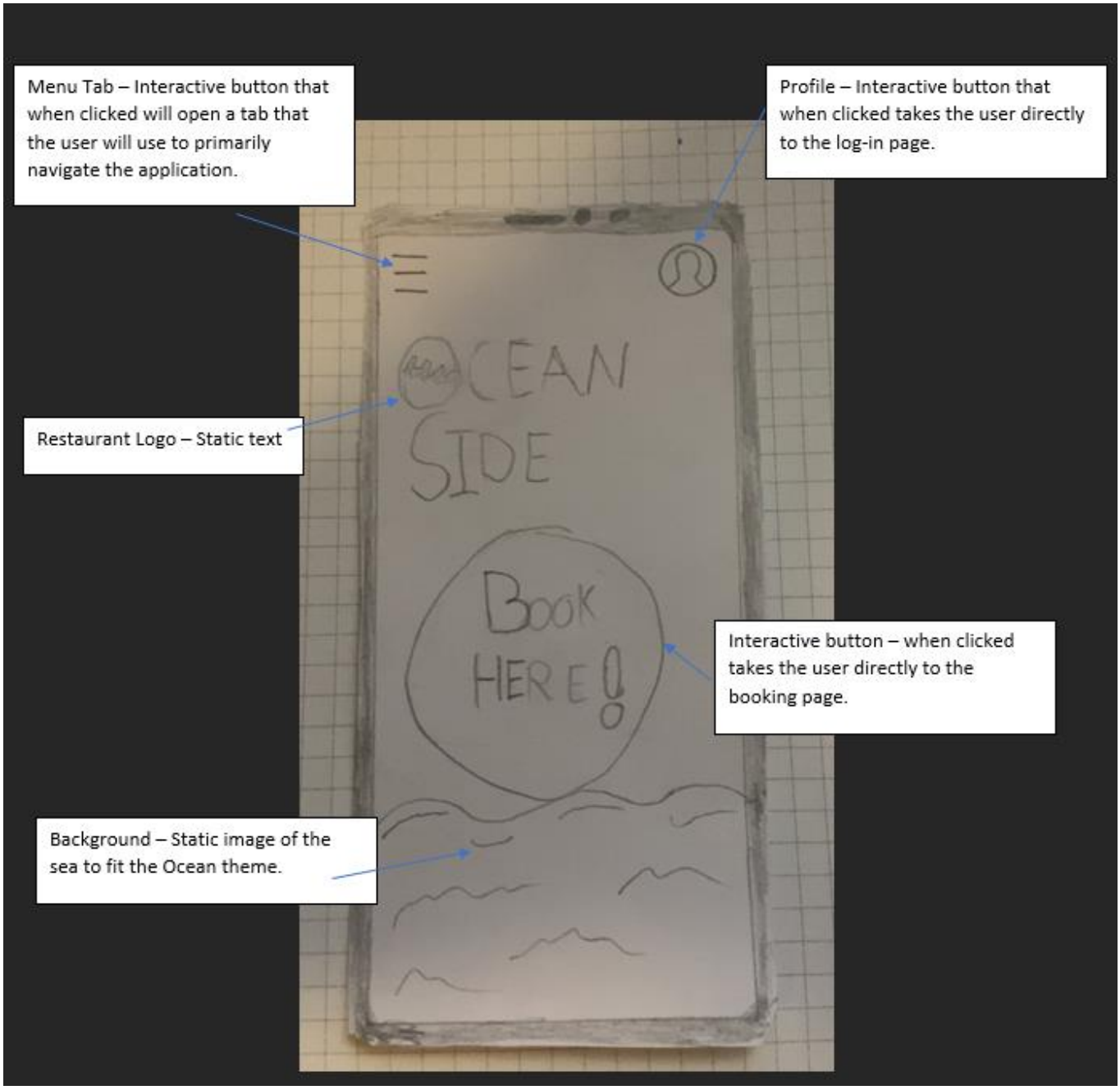
Low Fidelity UI design:

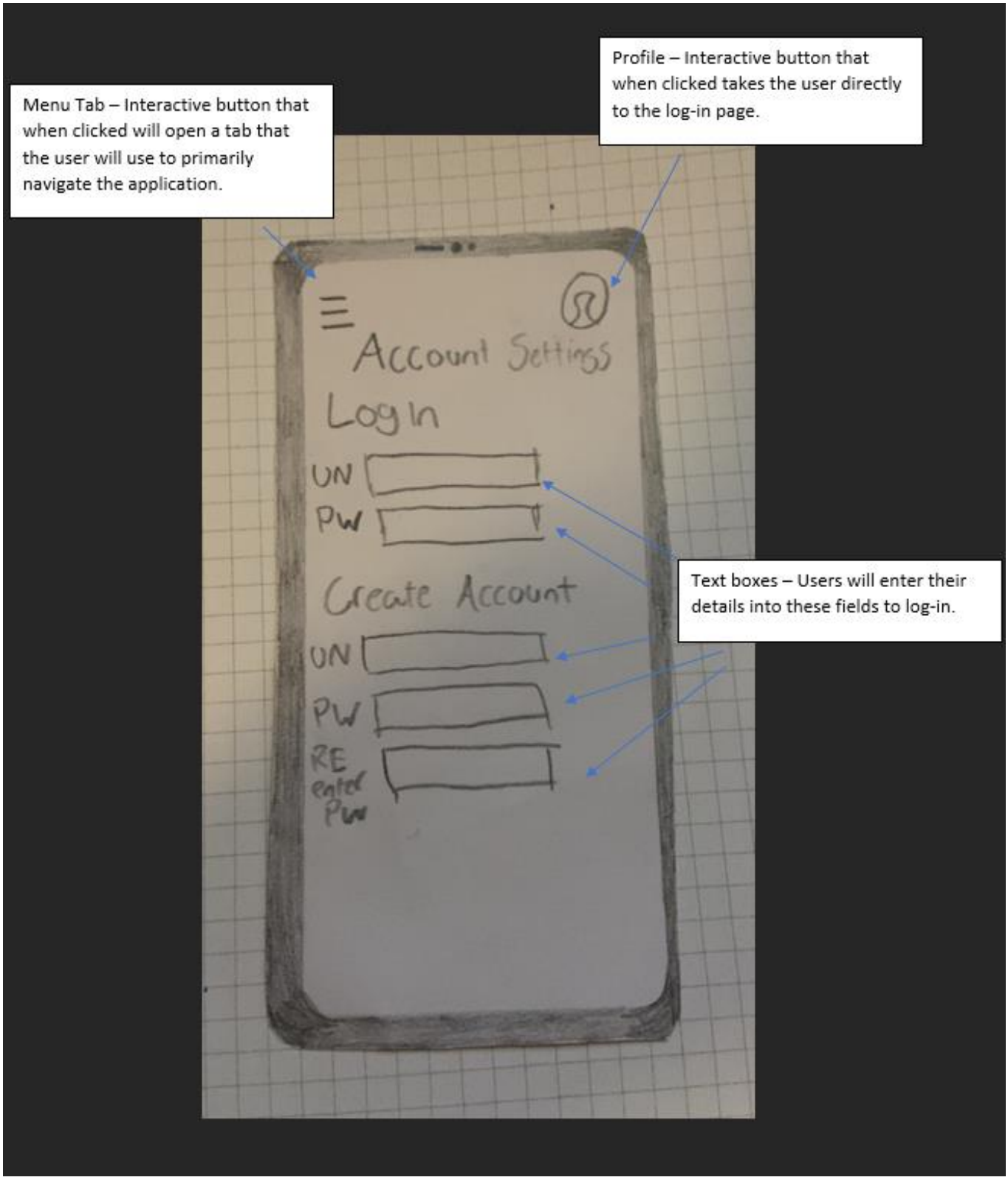
When designing my Ui design I took into consideration the types of colours and fonts associated with the sea as this is primarily a sea food restaurant. I Chose to have the background of the app a cool blue colour as this is a colour that text can be read on top of easily.

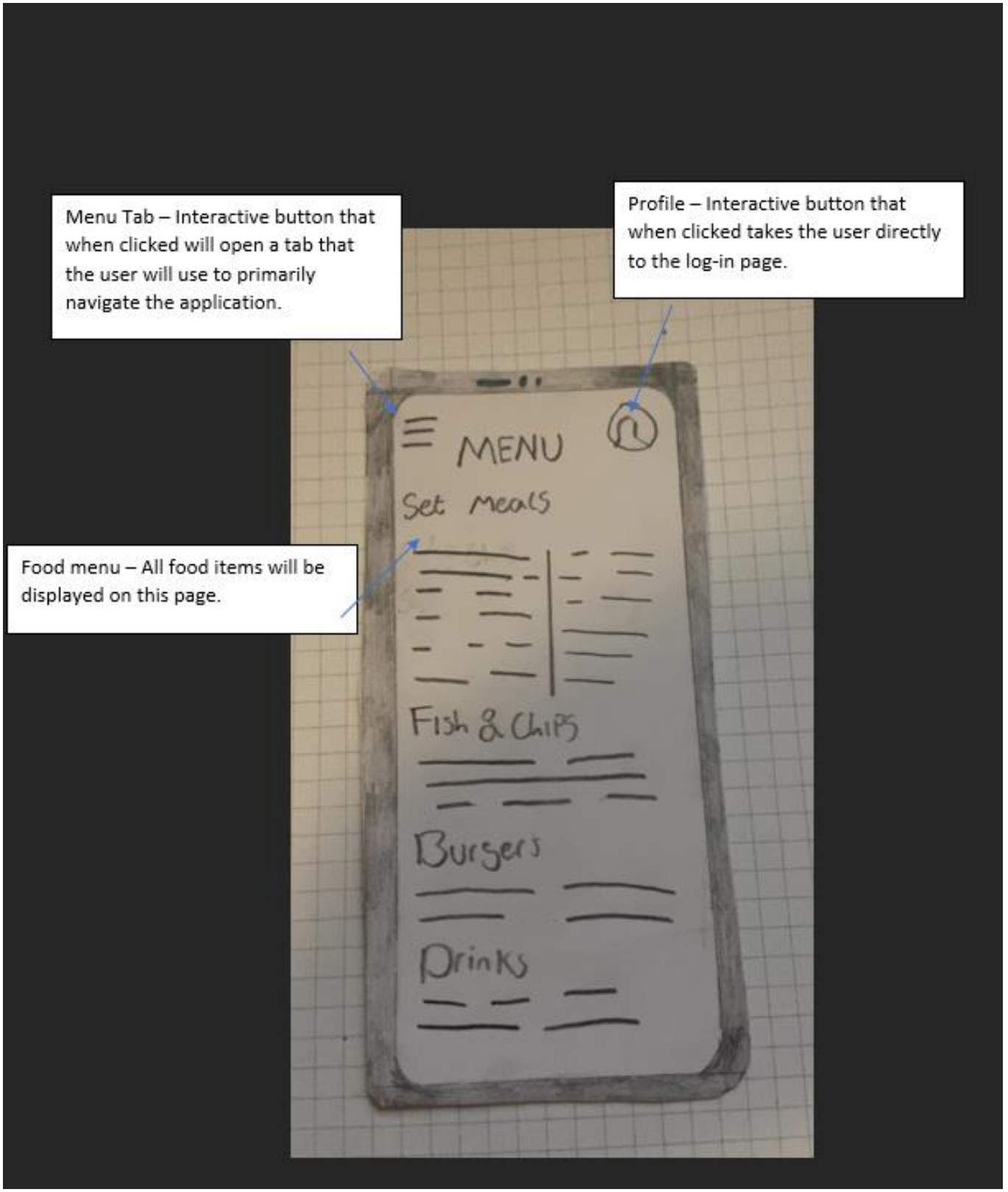
I ensured the app followed the HCI principles when constructing the low fidelity design, I considered shortcuts, and then implemented them. For example, the “Book Here!” shortcut on the main page. I have started to consider informative feedback by intending on having pop-ups appear on the screen when appropriate.

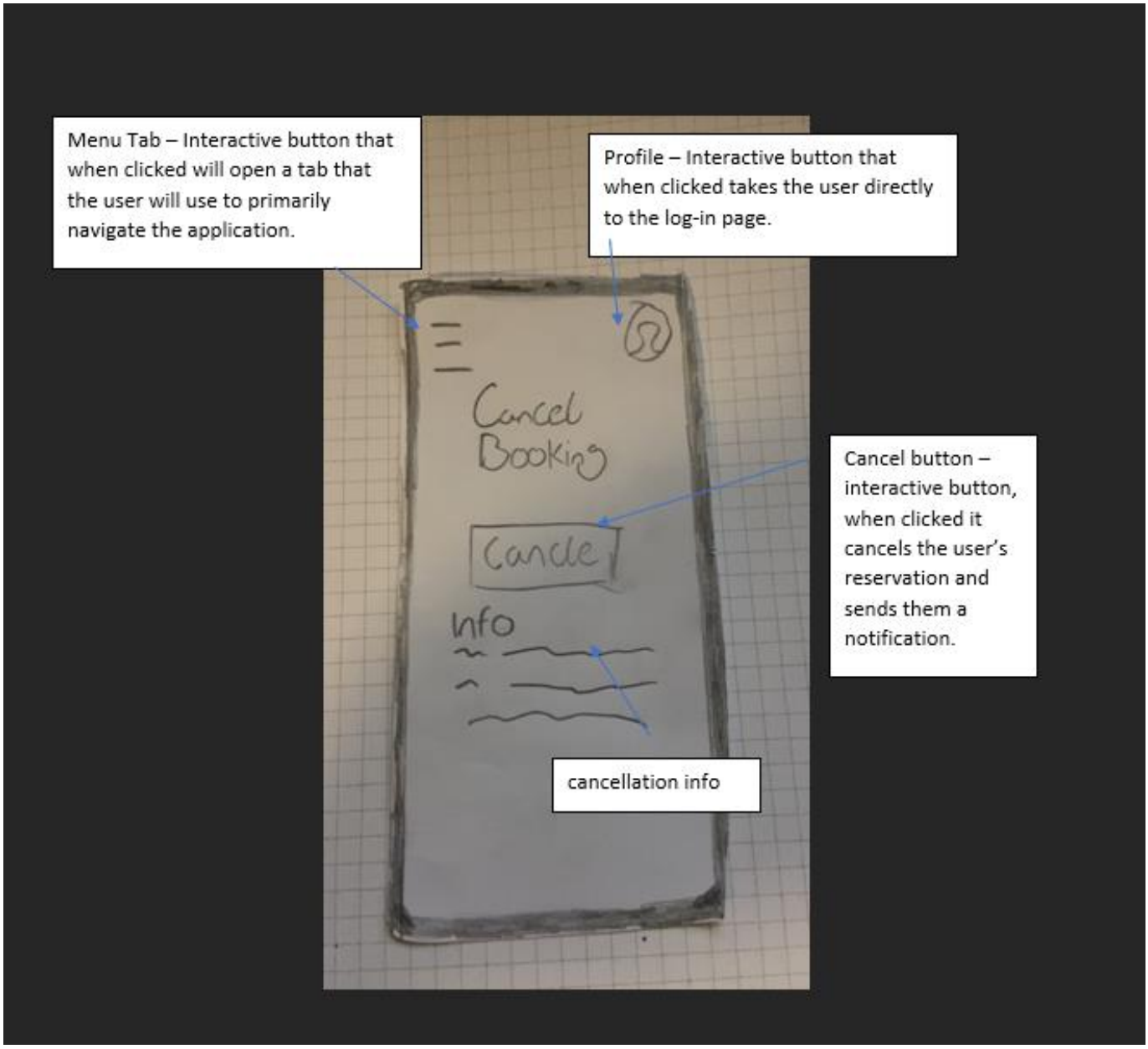
There is a clear consistency between the interfaces as every page has the Menu tab and profile section. These are interactive buttons on every page that allow the user to easily navigate to the profile page, or the menu tab – from there they will be able to navigate the whole app.

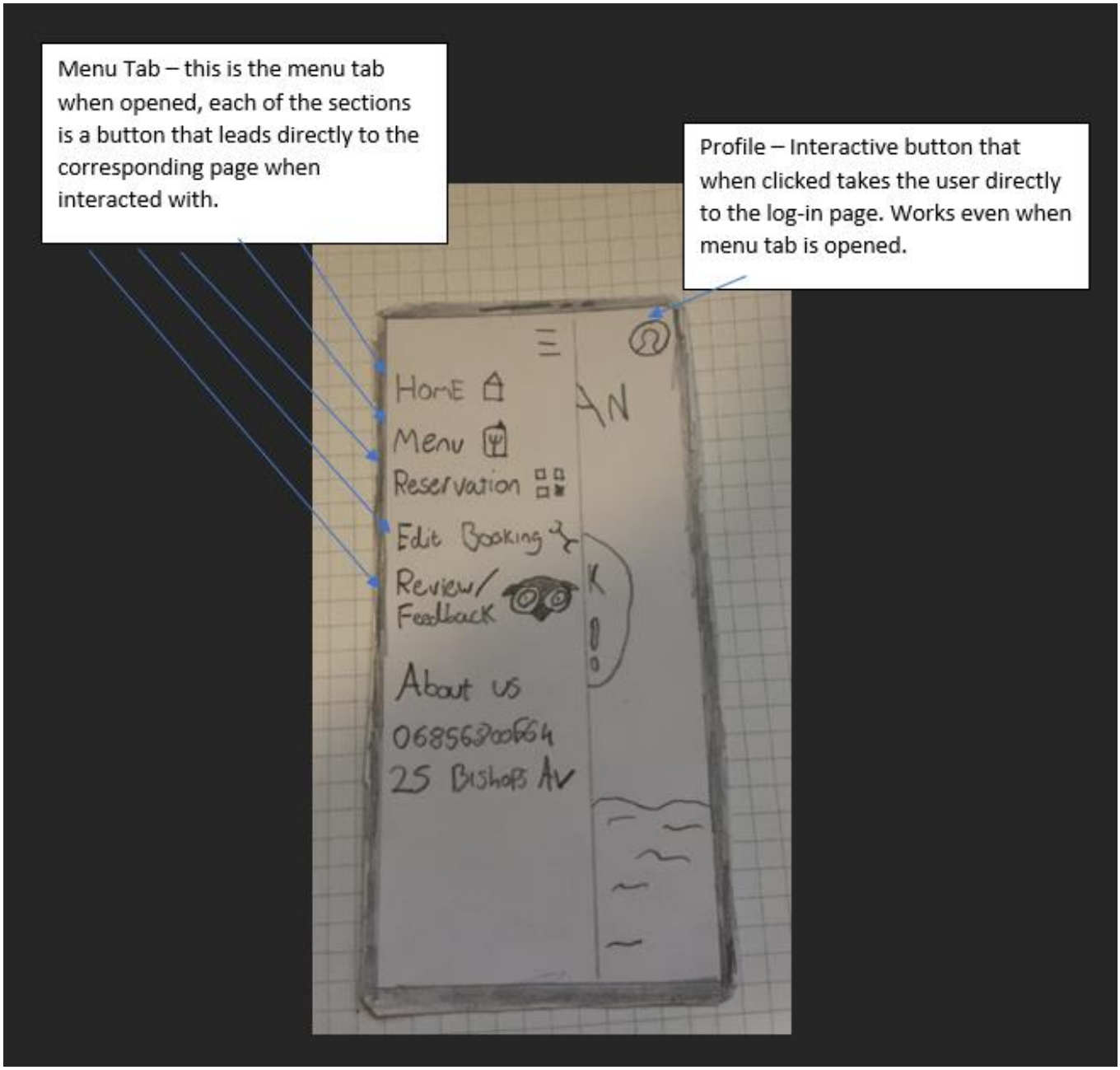
I took into consideration the different sizes of screens when creating the design as some apple devices have a black bar at the top of the phone (Notch) where the camera and speaker is located. I tailored the app to function around the Notch so this application can be run on all iPhone devices. As this current design is just for apple devices, I do have plans for different screen resolution and sizes in the future, but for now the application works on all iPhone devices.

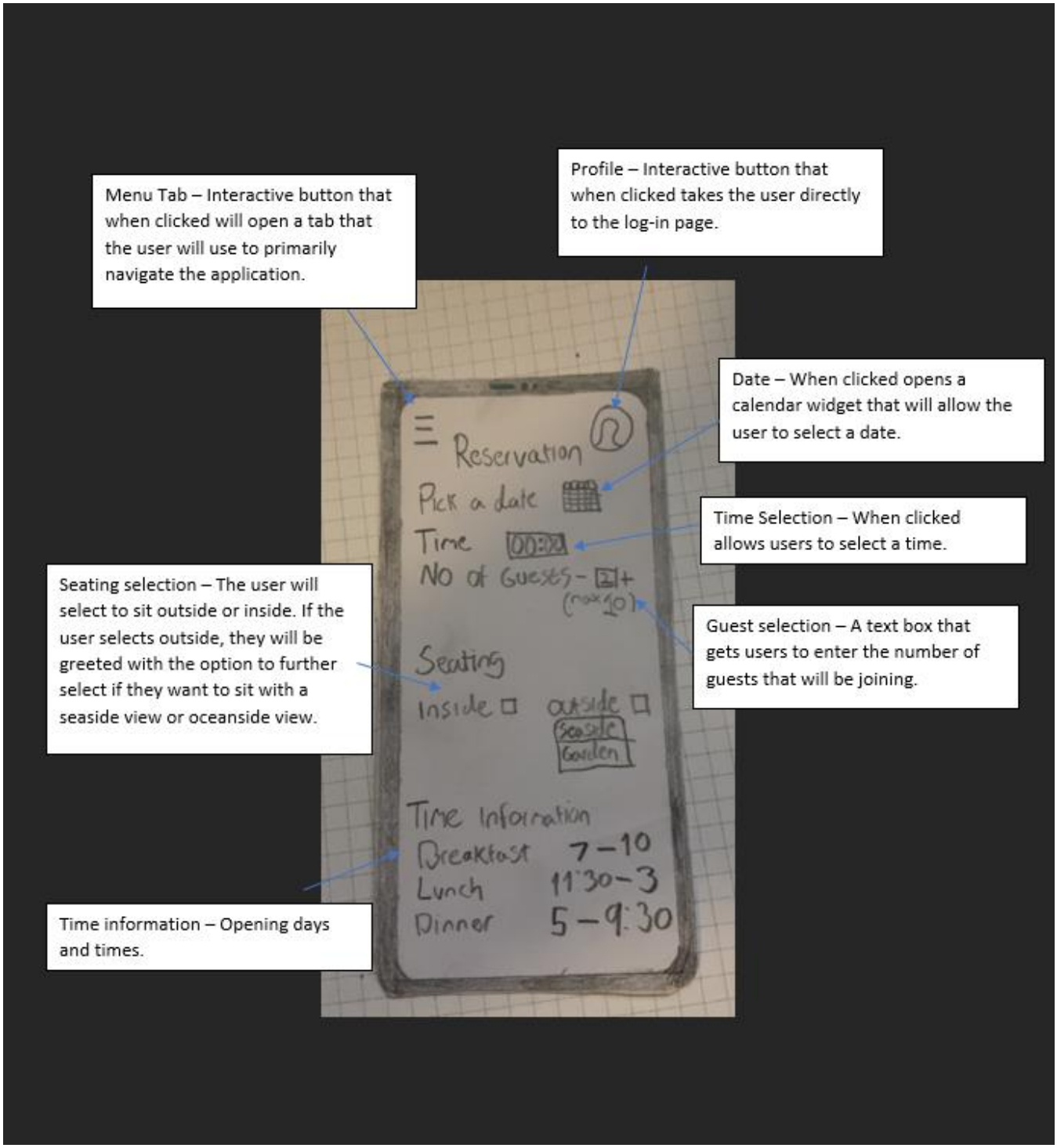

Menu Tab – Interactive button that when clicked will open a tab that the user will use to primarily navigate the application.
Profile – Interactive button that when clicked takes the user directly to the log-in page.
OCEAN SIDE
Restaurant Logo – Static text
BOOK HERE!
Interactive button – when clicked takes the user directly to the booking page.
Background – Static image of the sea to fit the Ocean theme.

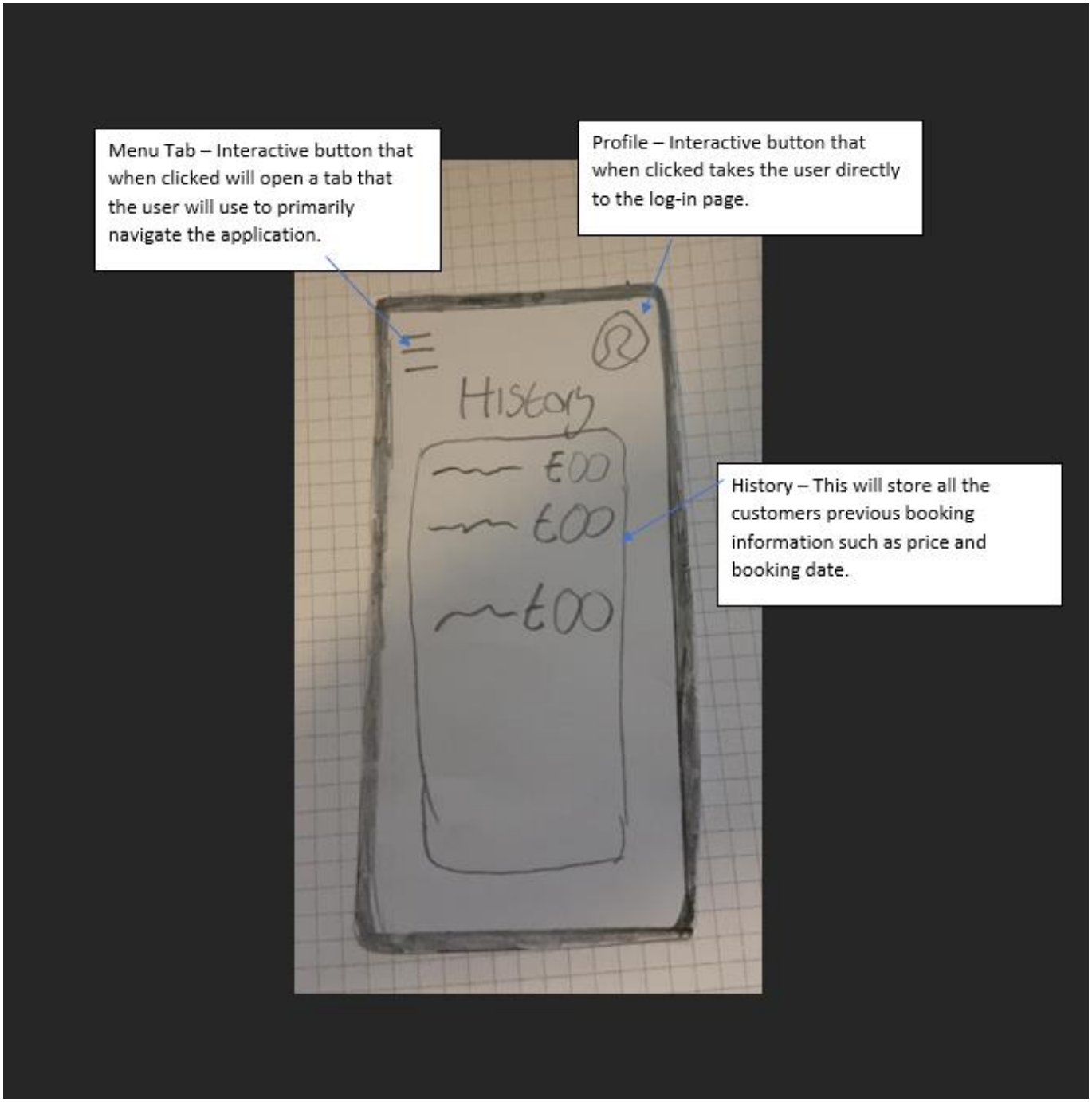

Menu Tab – Interactive button that when clicked will open a tab that the user will use to primarily navigate the application.
Profile – Interactive button that when clicked takes the user directly to the log-in page.
Account Settings
Log In
UN
PW
Create Account
UN
PW
RE enter Pw
Text boxes – Users will enter their details into these fields to log-in.

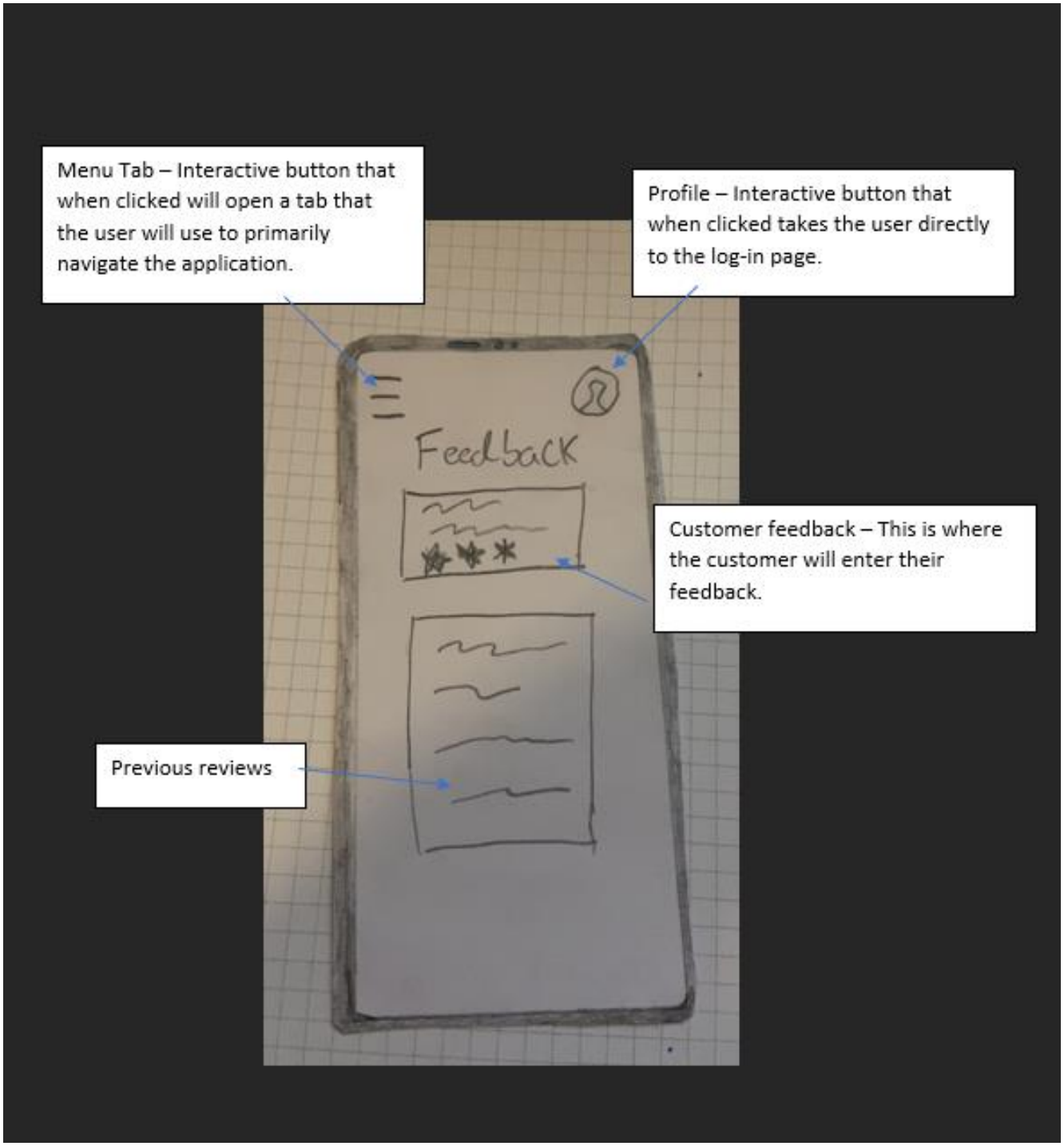

Menu Tab – Interactive button that when clicked will open a tab that the user will use to primarily navigate the application.
Profile – Interactive button that when clicked takes the user directly to the log-in page.
Food menu – All food items will be displayed on this page.
MENU
Set Meals
Fish & Chips
Burgers
Drinks


Menu Tab – Interactive button that when clicked will open a tab that the user will use to primarily navigate the application.
Profile – Interactive button that when clicked takes the user directly to the log-in page.
Cancel Booking
Cancle
Info
Cancel button – interactive button, when clicked it cancels the user's reservation and sends them a notification.
cancellation info


Menu Tab – this is the menu tab when opened, each of the sections is a button that leads directly to the corresponding page when interacted with.
Profile – Interactive button that when clicked takes the user directly to the log-in page. Works even when menu tab is opened.
Home
Menu
Reservation
Edit Booking
Review/ Feedback
About us
25 Bishops Av

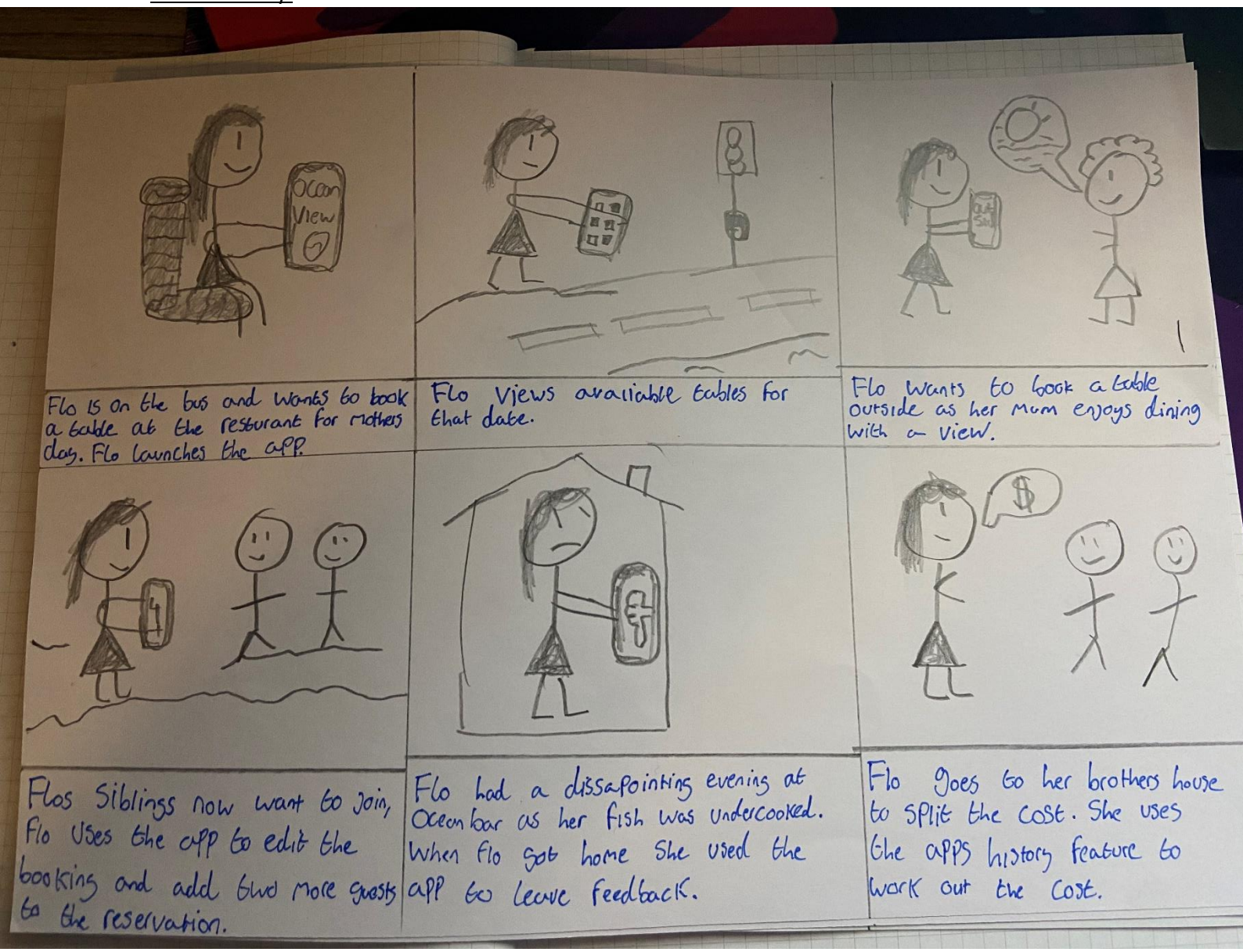

Menu Tab – Interactive button that when clicked will open a tab that the user will use to primarily navigate the application.
Profile – Interactive button that when clicked takes the user directly to the log-in page.
Date – When clicked opens a calendar widget that will allow the user to select a date.
Time Selection – When clicked allows users to select a time.
Guest selection – A text box that gets users to enter the number of guests that will be joining.
Seating selection – The user will select to sit outside or inside. If the user selects outside, they will be greeted with the option to further select if they want to sit with a seaside view or oceanside view.
Time information – Opening days and times.
Reservation
Pick a date
Time
No of Guests - 2 +
(max 10)
Seating
Inside
outside
Seaside
Garden
Time Information
Breakfast 7-10
Lunch 11:30-3
Dinner 5-9:30


Menu Tab – Interactive button that when clicked will open a tab that the user will use to primarily navigate the application.
Profile – Interactive button that when clicked takes the user directly to the log-in page.
History – This will store all the customers previous booking information such as price and booking date.
History
£00
£00
£00

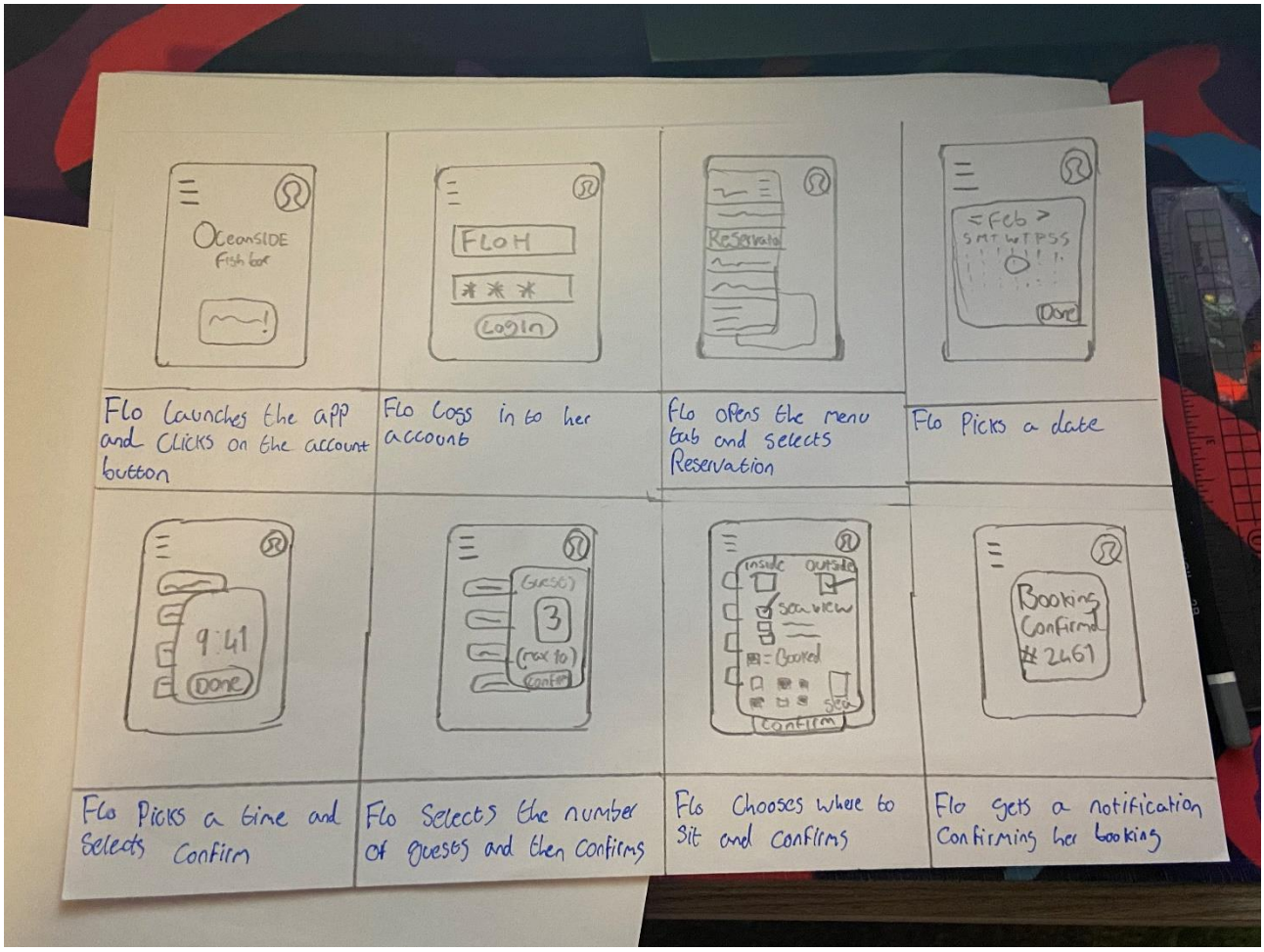

Menu Tab – Interactive button that when clicked will open a tab that the user will use to primarily navigate the application.
Profile – Interactive button that when clicked takes the user directly to the log-in page.
Feedback
Customer feedback – This is where the customer will enter their feedback.
Previous reviews

Storyboard:

This storyboard shows a mobile app assisting Flo to book a nice evening for her mum for Mother's Day.



UI storyboard of Flo booking a table



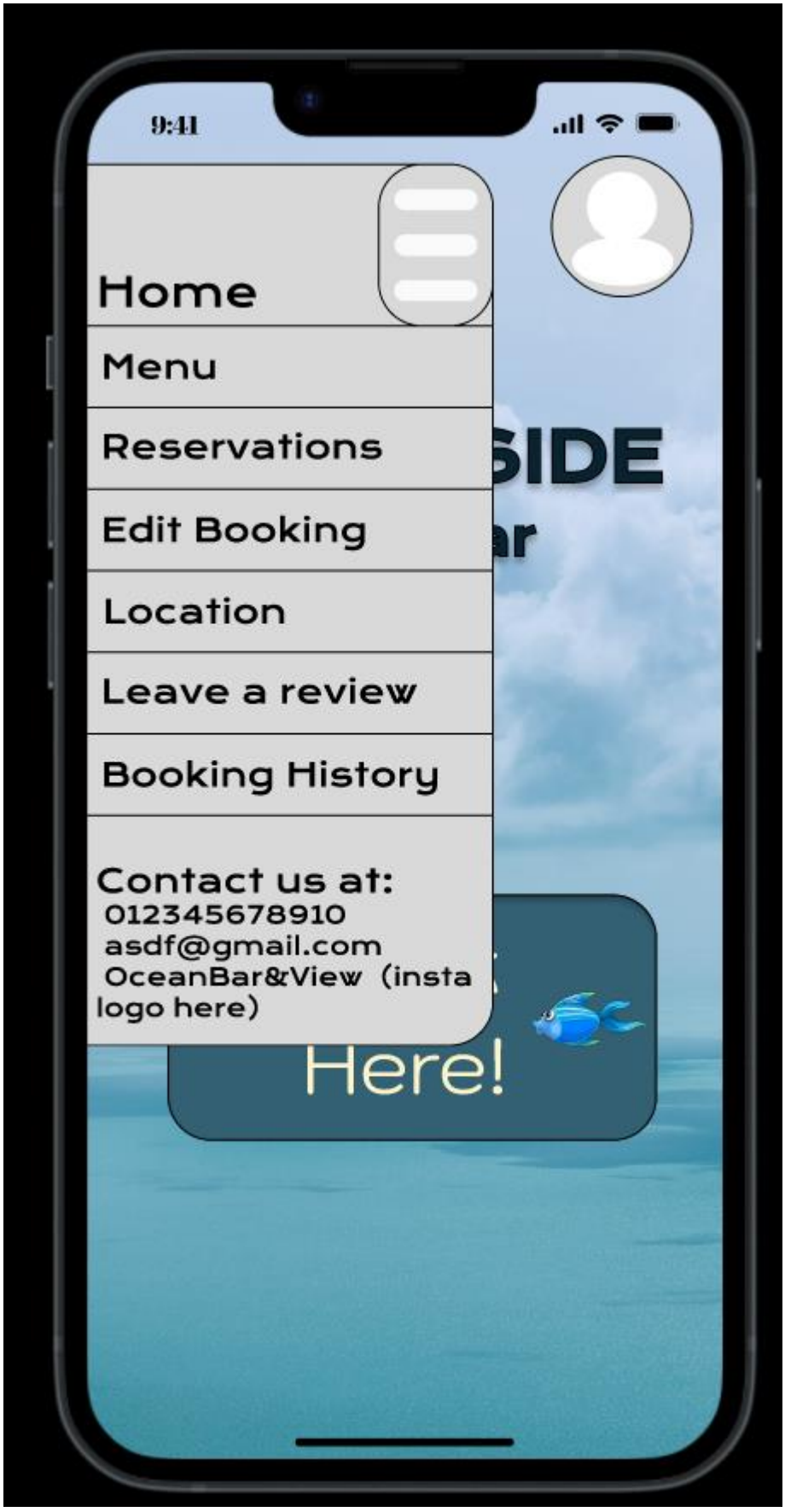
Question 3

Link to Figma:

https://www.figma.com/proto/wPdbJXTJ25c9jkpQRmxU04/OceanSide?type=design&node-id=4-2&t=JLinSiXUpAxsw0L0-1&scaling=scale-down&page-id=0%3A1&mode=design

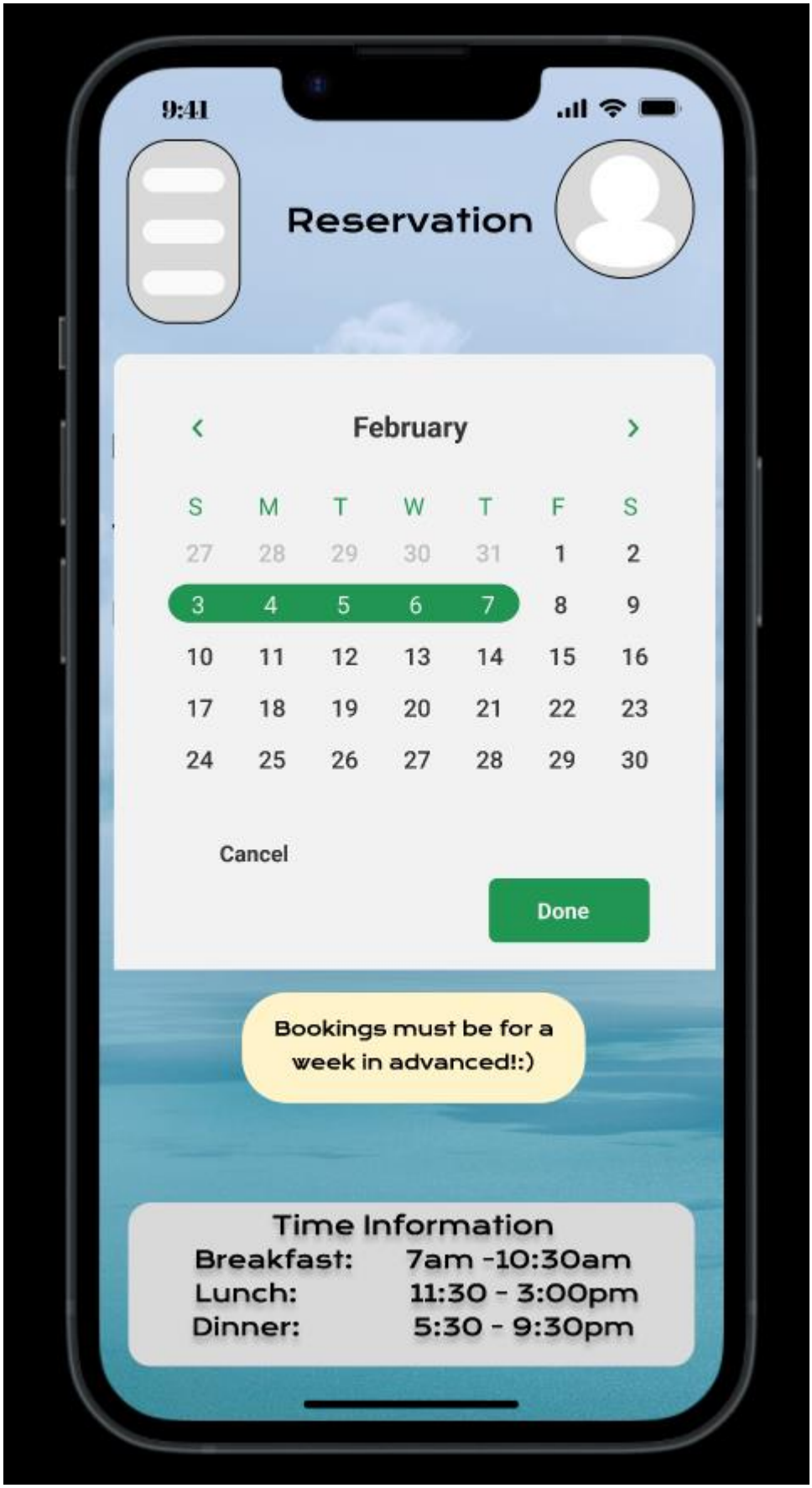
Screenshots of working application:

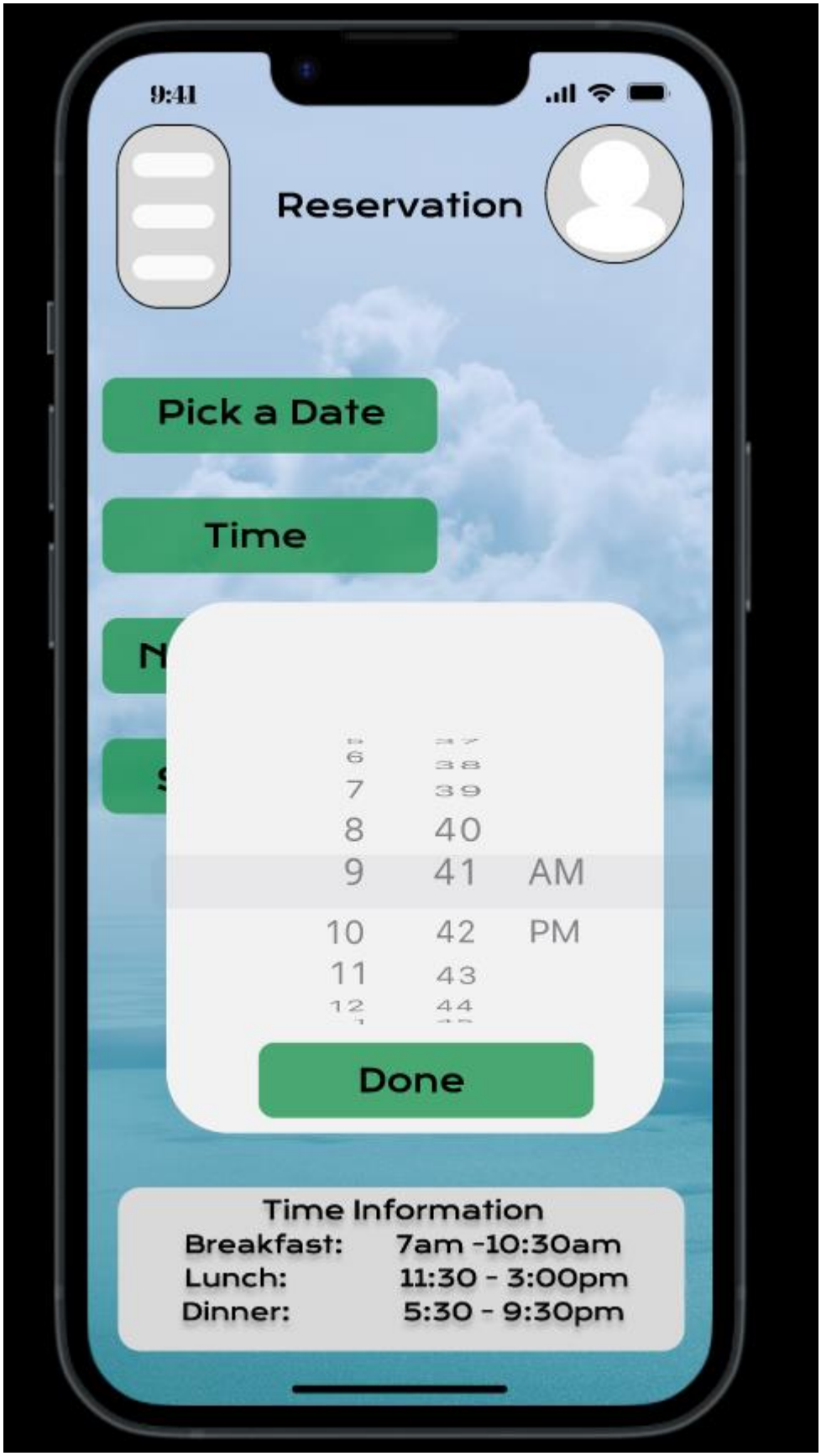
9:41
OCEANSIDE
Fish Bar
Book
Here!

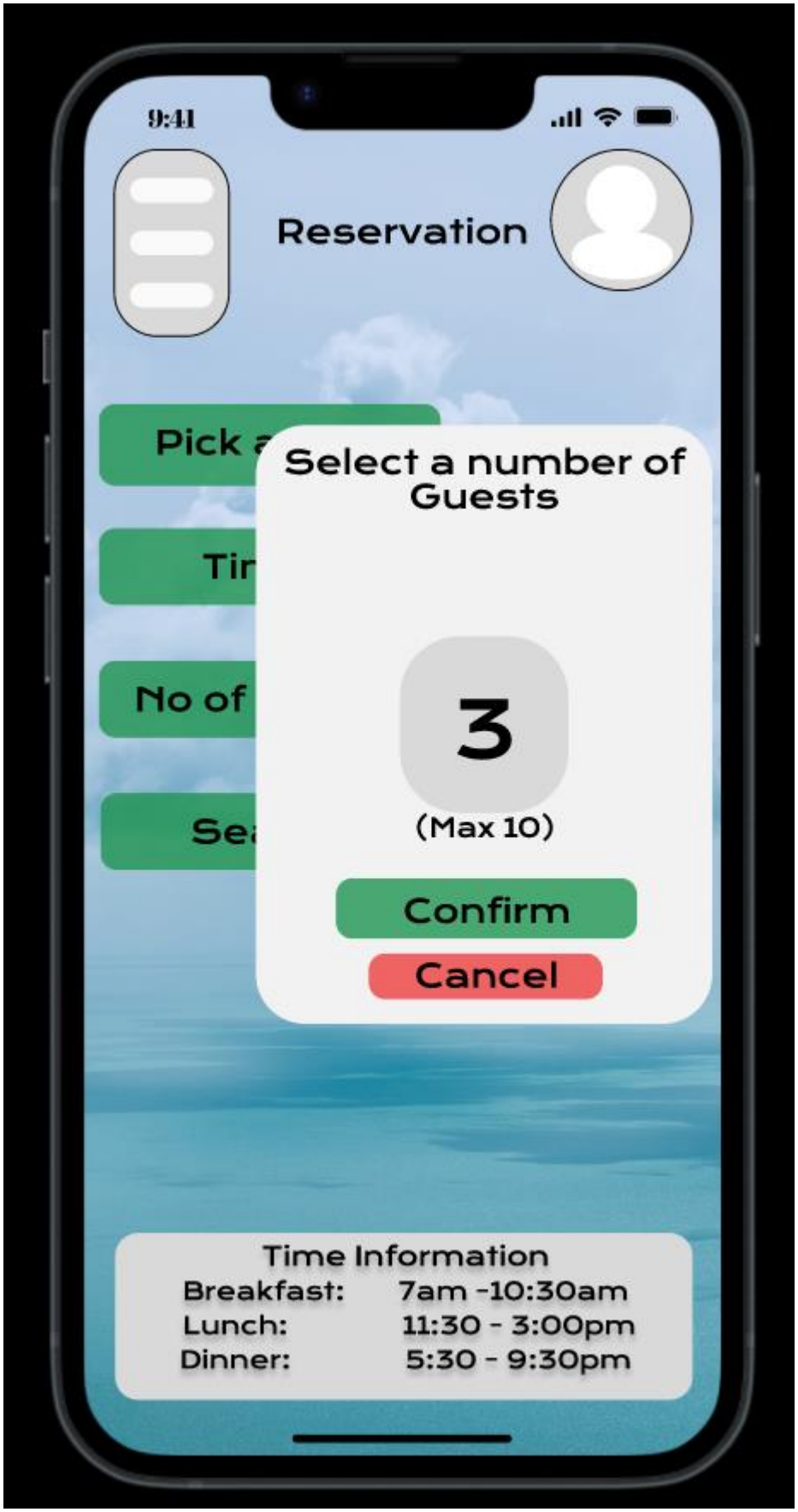

9:41
Home
Menu
Reservations
Edit Booking
Location
Leave a review
Booking History
Contact us at:
012345678910
asdf@gmail.com
OceanBar&View (insta logo here)
SIDE
ar
Here!

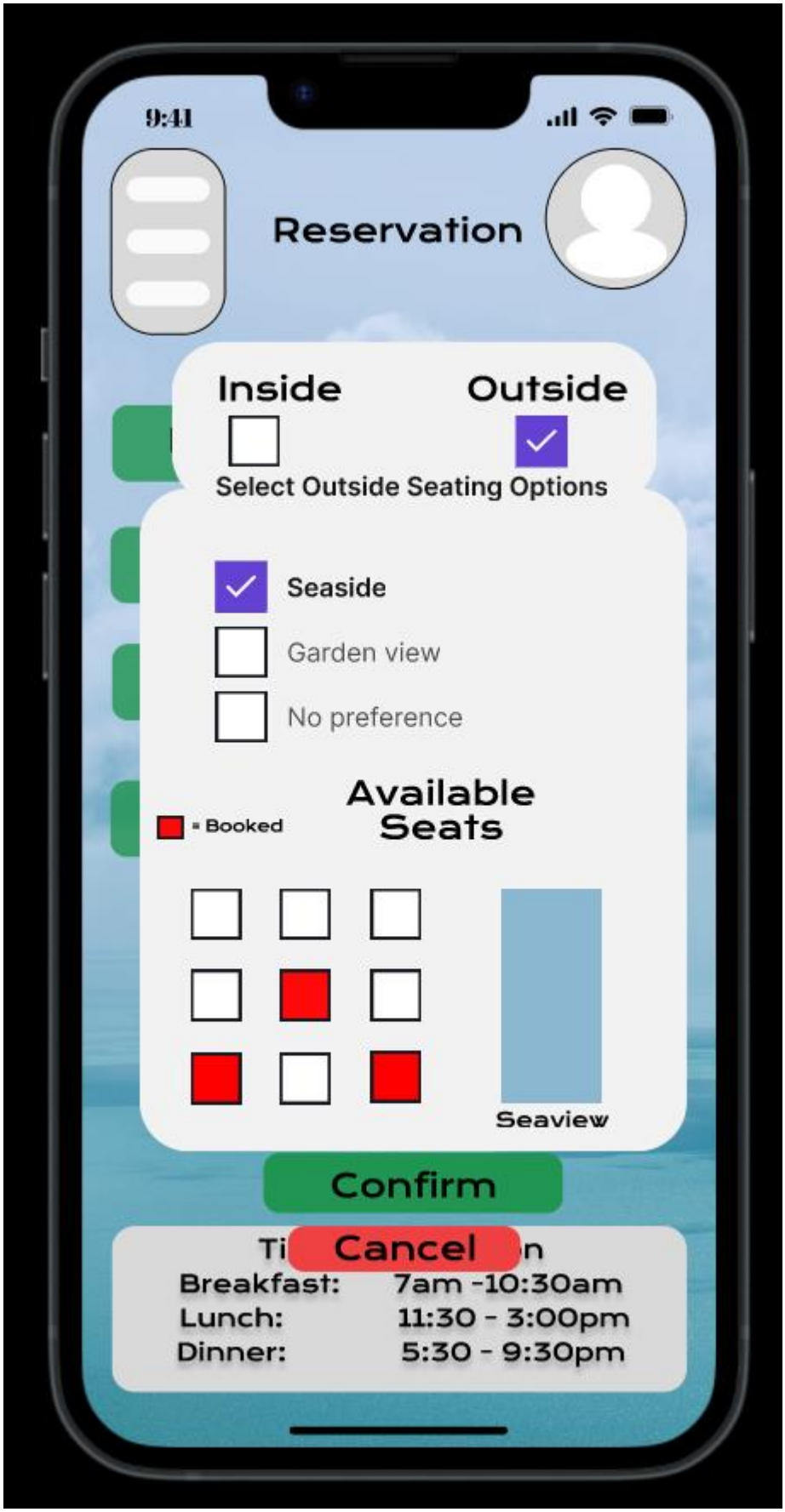
9:41
Menu
Main Meals:
Fish and Chips
• Classic beer-battered fish served with crispy fries, mushy peas, and house-made tartar sauce.
Pan-Seared Mahi-Mahi
• Mahi-mahi fillet, pan-seared to perfection and served with lemon herb butter, accompanied by sautéed vegetables
Grilled Sea Bass Tacos
• Soft corn tortillas filled with grilled sea bass, cabbage slaw, avocado, and chipotle aioli.
Stuffed Flounder
• Flounder fillets

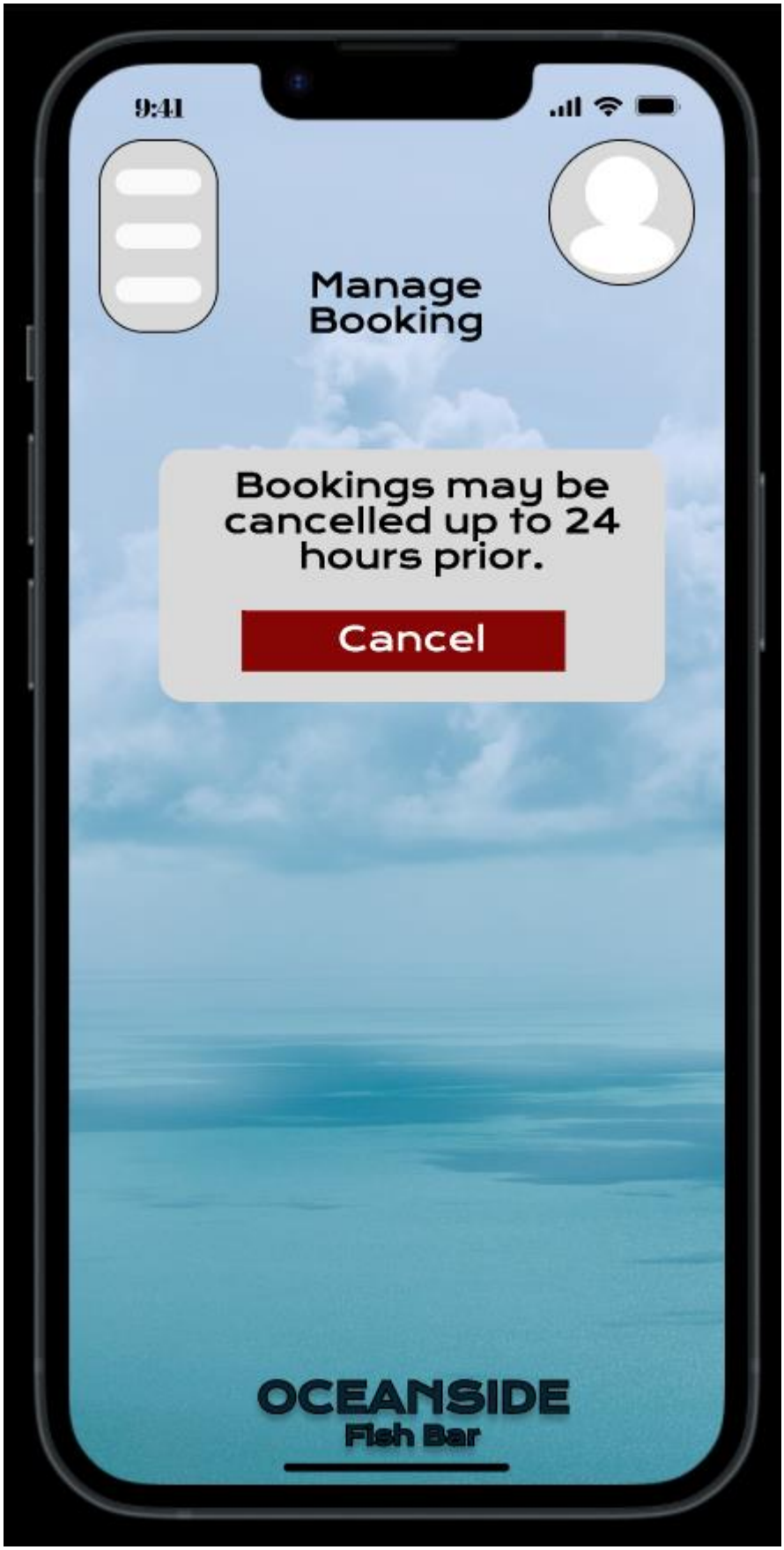
9:41
Reservation
Pick a Date
Time
No of Guests
Seating
Bookings must be for a week in advanced!:)
Time Information
Breakfast: 7am -10:30am
Lunch: 11:30 - 3:00pm
Dinner: 5:30 - 9:30pm

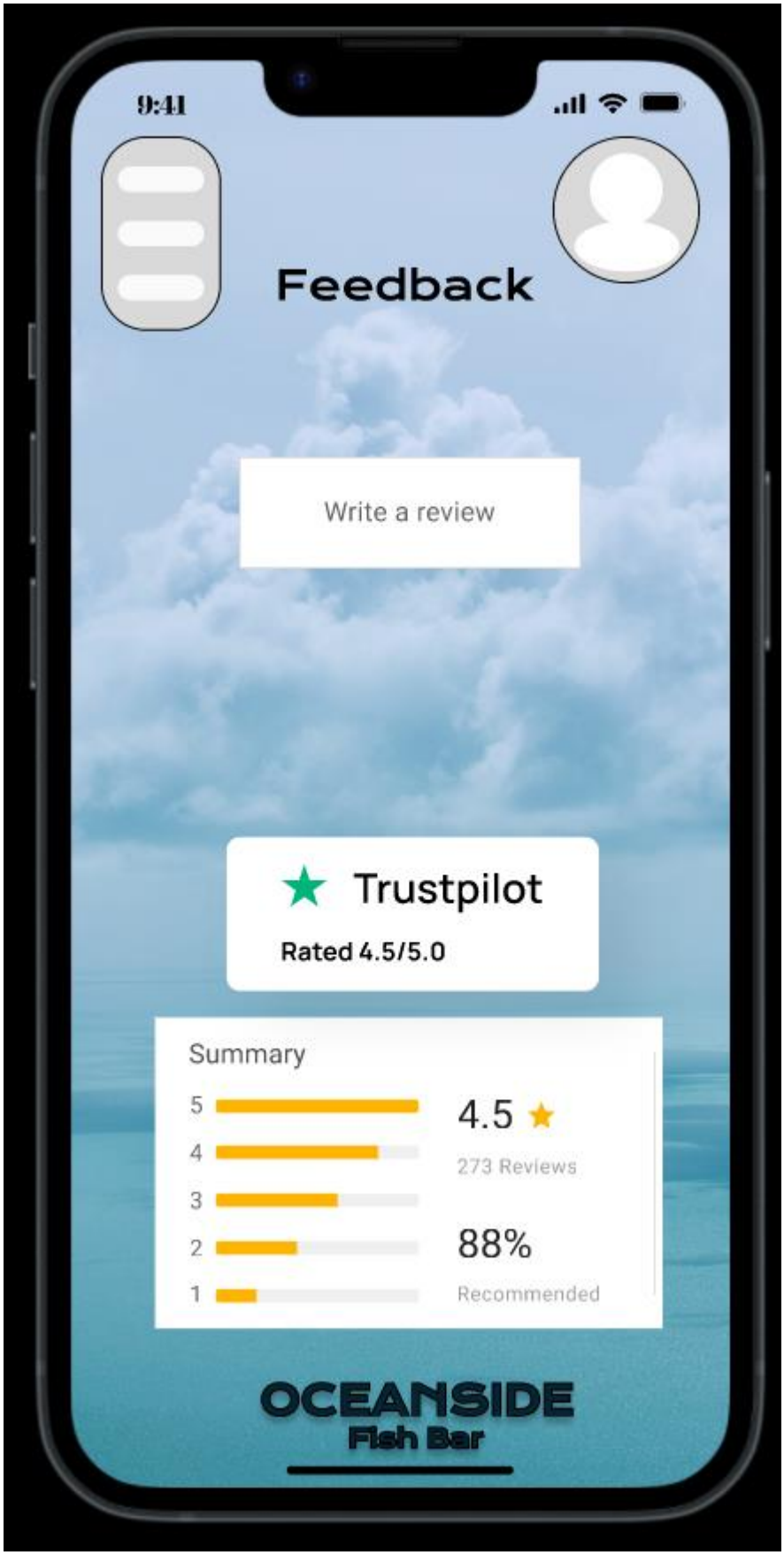

9:41
Reservation
February
S M T W T F S
27 28 29 30 31 1 2
3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30
Cancel
Done
Bookings must be for a week in advanced!:)
Time Information
Breakfast: 7am -10:30am
Lunch: 11:30 - 3:00pm
Dinner: 5:30 - 9:30pm


9:41
Reservation
Pick a Date
Time
6
7
8
9
10
11
12
38
39
40
41
42
43
44
AM
PM
Done
Time Information
Breakfast: 7am -10:30am
Lunch: 11:30 - 3:00pm
Dinner: 5:30 - 9:30pm

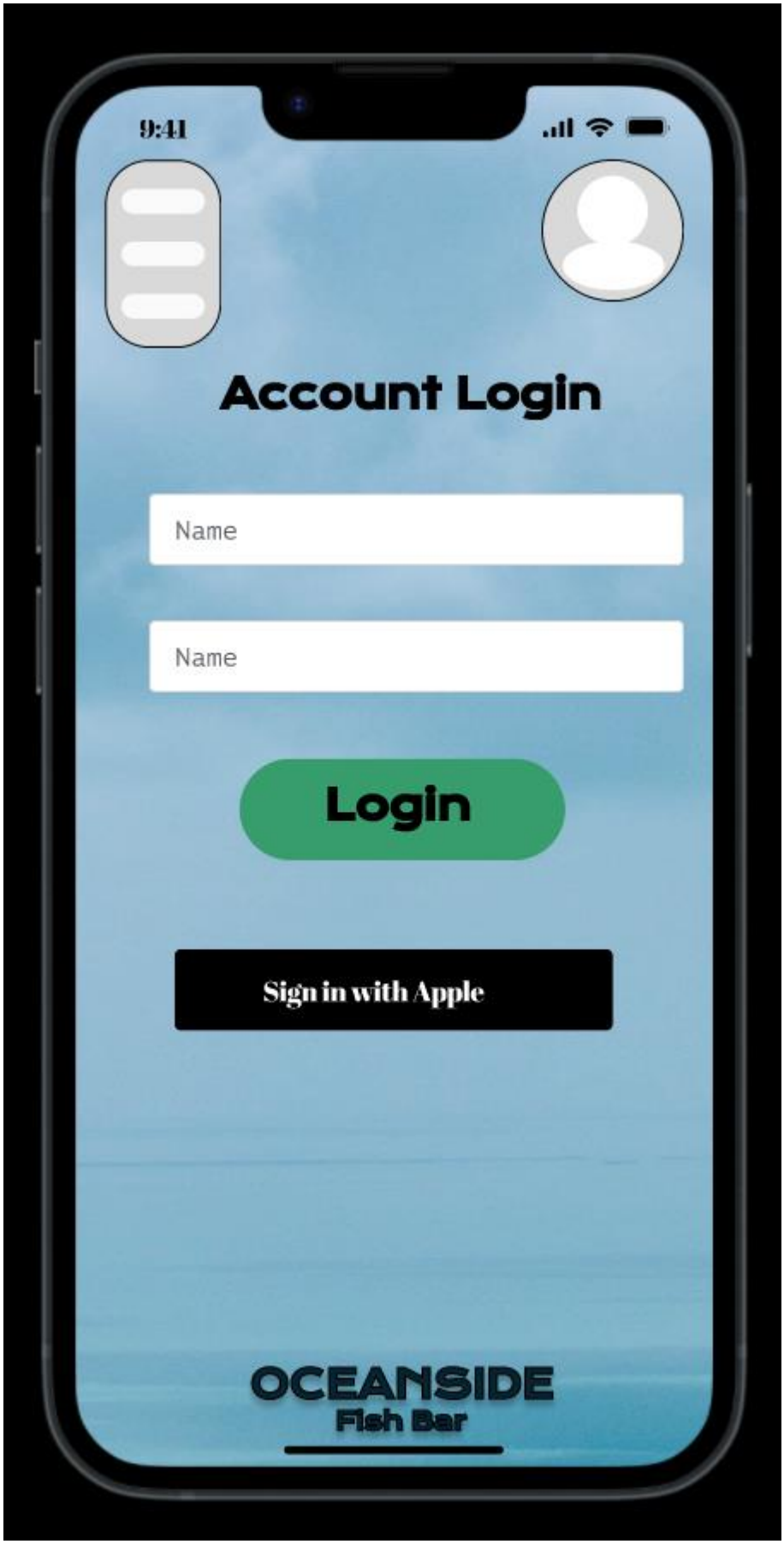

9:41
Reservation
Pick a
Tir
No of
Sea
Select a number of Guests
3
(Max 10)
Confirm
Cancel
Time Information
Breakfast: 7am -10:30am
Lunch: 11:30 - 3:00pm
Dinner: 5:30 - 9:30pm


9:41
Reservation
Inside
Outside
Select Outside Seating Options
Seaside
Garden view
No preference
Available Seats
Booked
Seaview
Confirm
Cancel
Breakfast: 7am -10:30am
Lunch: 11:30 - 3:00pm
Dinner: 5:30 - 9:30pm


9:41
Manage Booking
Bookings may be cancelled up to 24 hours prior.
Cancel
OCEANSIDE
Fish Bar

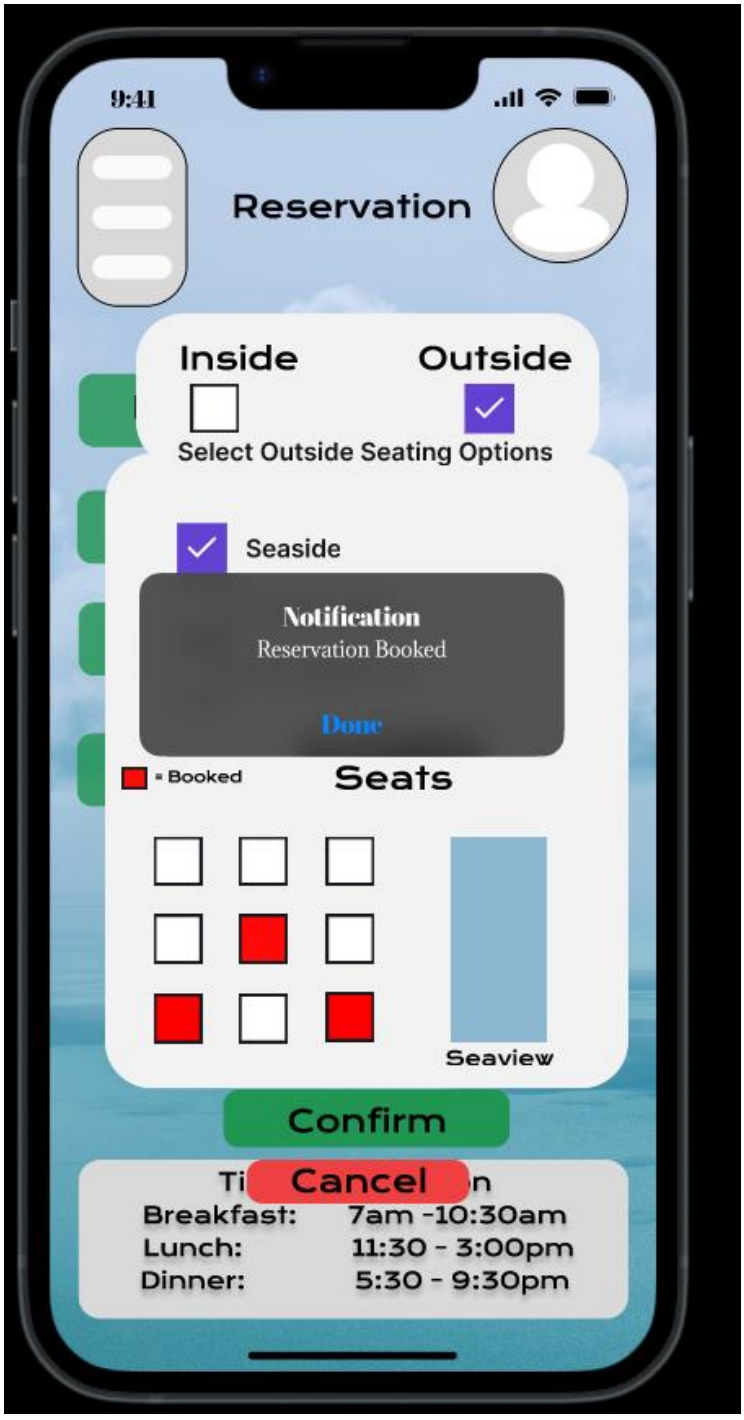

9:41
Feedback
Write a review
Trustpilot
Rated 4.5/5.0
Summary
5
4
3
2
1
4.5
273 Reviews
88%
Recommended
OCEANSIDE
Fish Bar

9:41
Booking History
10/11/2023 - ref no:32389
Total cost - £20.09
02/09/2023 - ref no:29111
Total cost - £15.90
OCEANSIDE
Fish Bar

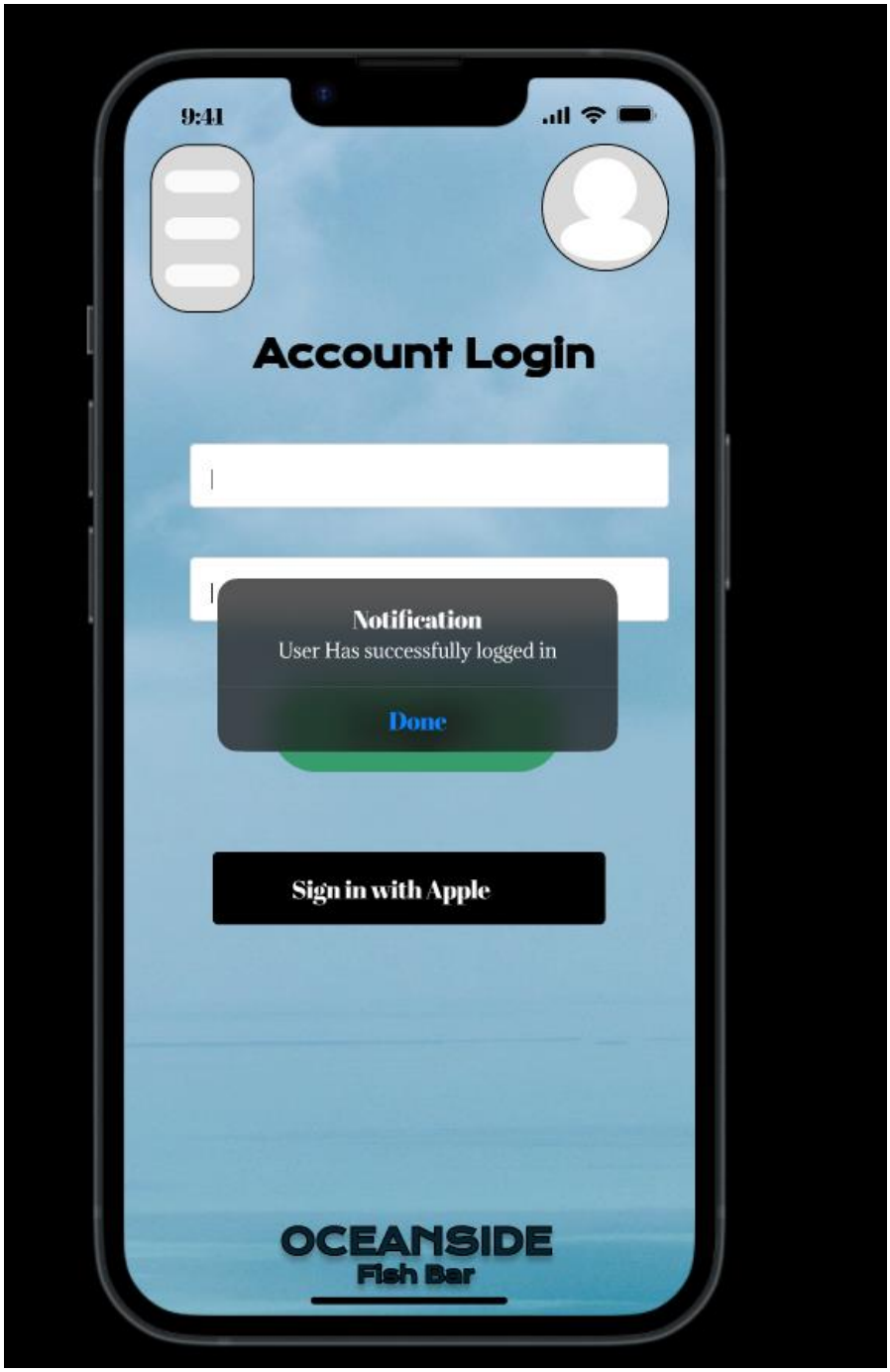
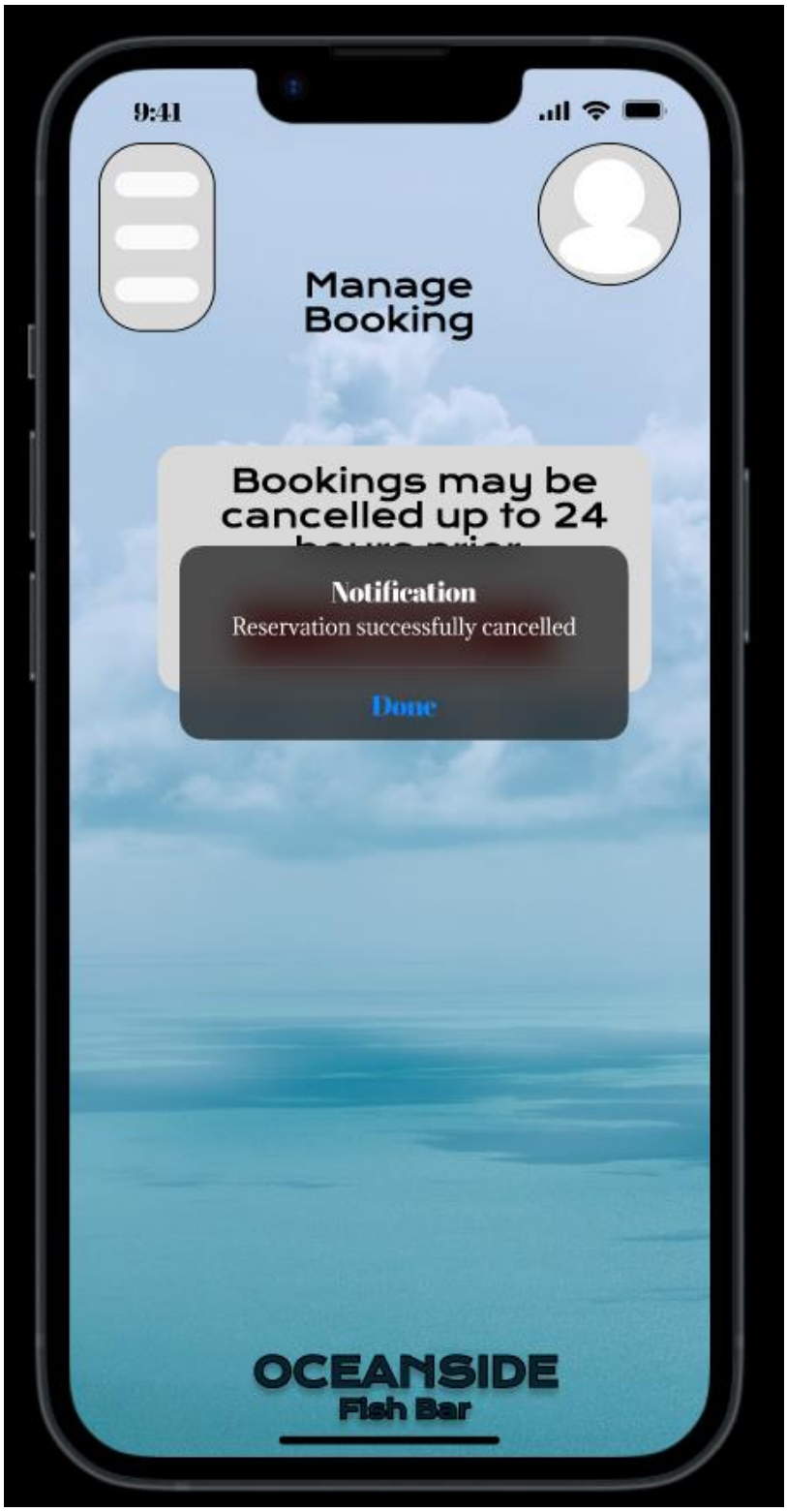

9:41
Account Login
Name
Name
Login
Sign in with Apple
OCEANSIDE
Fish Bar

Question 4

Once users have completed making their reservation, they will receive this notification:



Once the user has logged into their account, they will receive this notification:



Once the user has cancelled their booking, they will receive this notification: