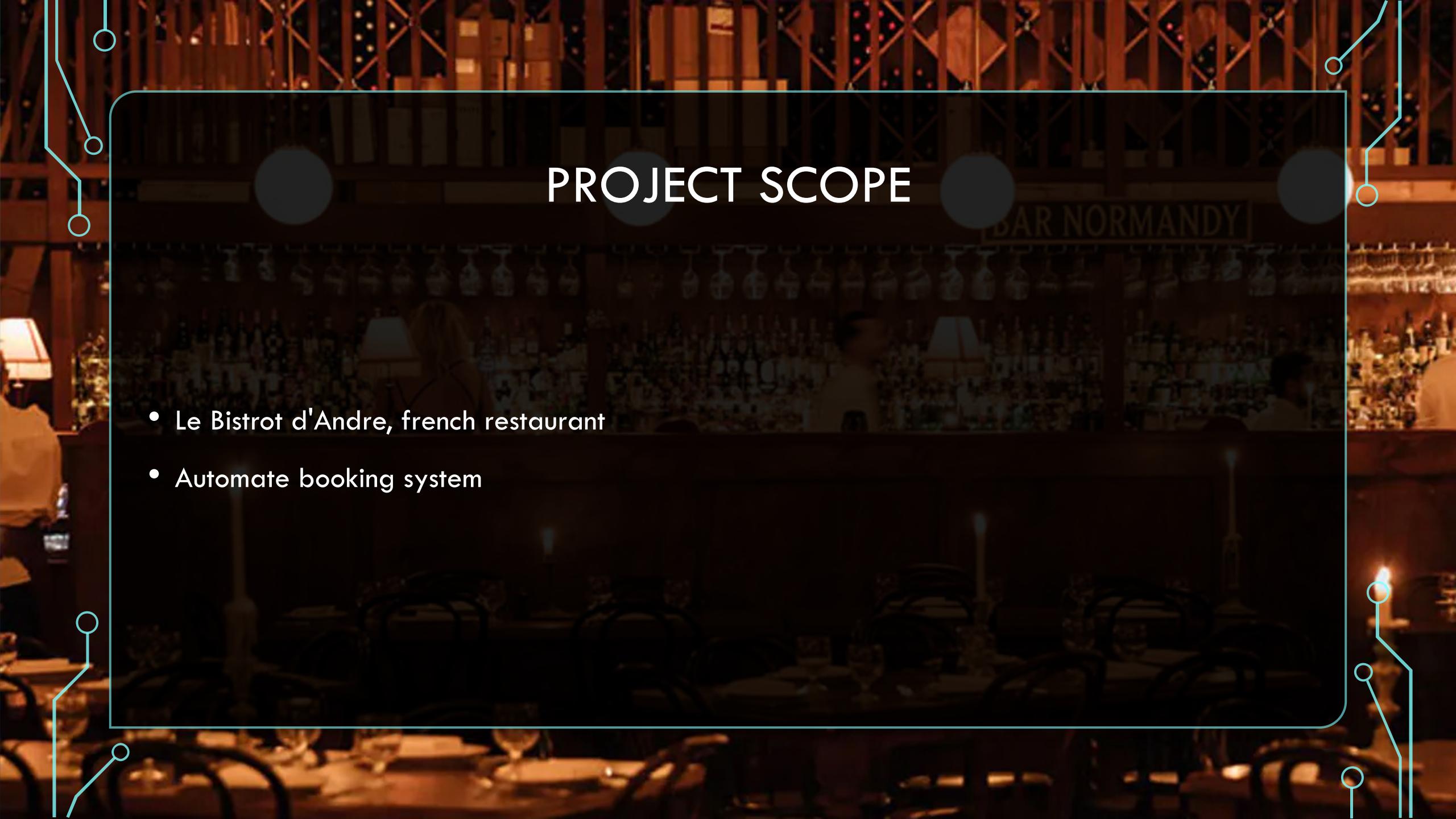


ASSIGNMENT 3 -

BY : ONLINE GROUP 6 - ERESTAURANT

TOMI PIISILA, SUJITH DACHEPALLY, VIVIAN WU, ZIZHEN LIU, RITZO HARUM



PROJECT SCOPE

- Le Bistrot d'Andre, french restaurant
- Automate booking system

BUSINESS REQUIREMENTS CUSTOMER



Login and register



Booking



Ordering



Menu



Loyalty rewards

BUSINESS REQUIREMENTS STAFF



Login



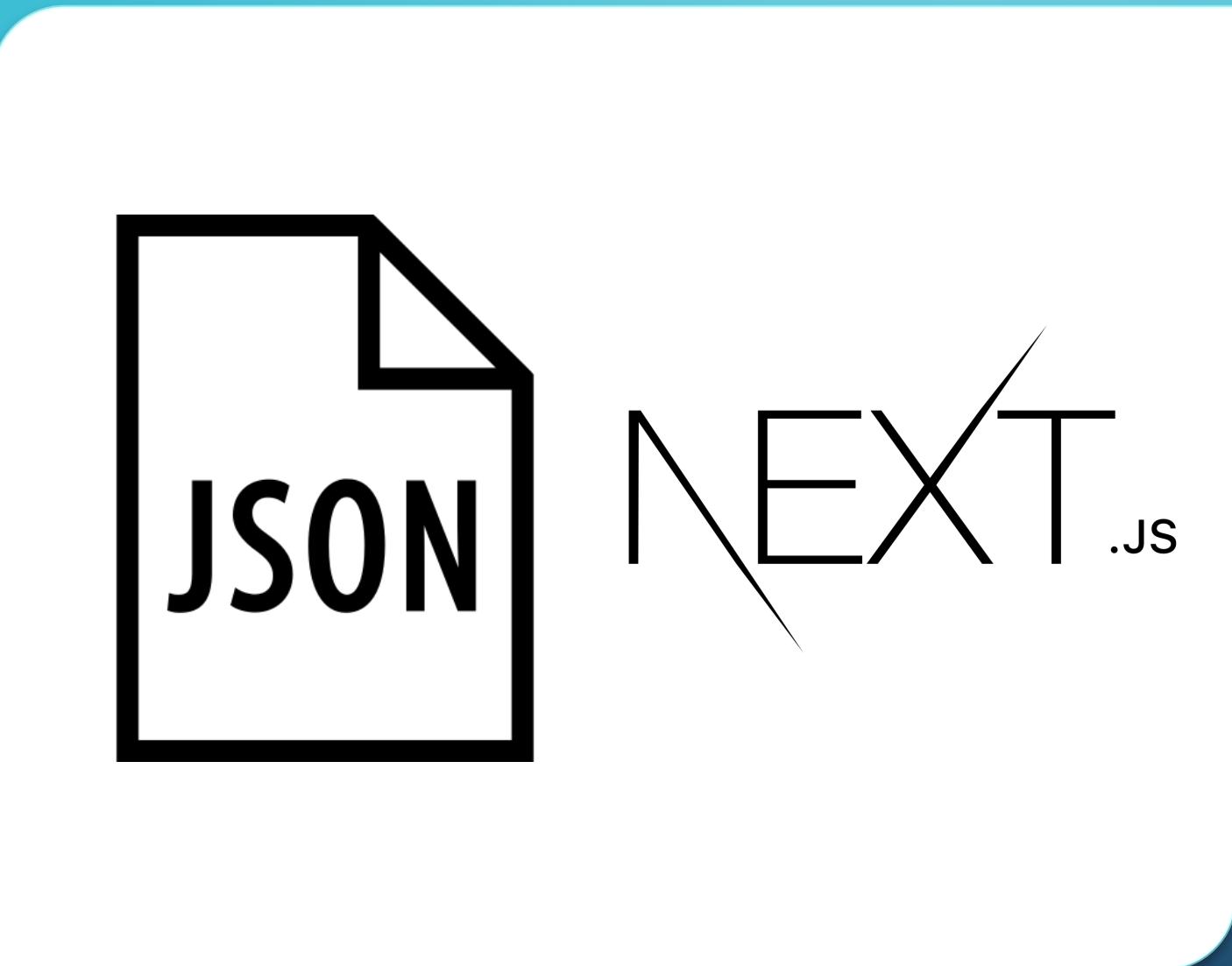
Maintain staff



Maintain menu



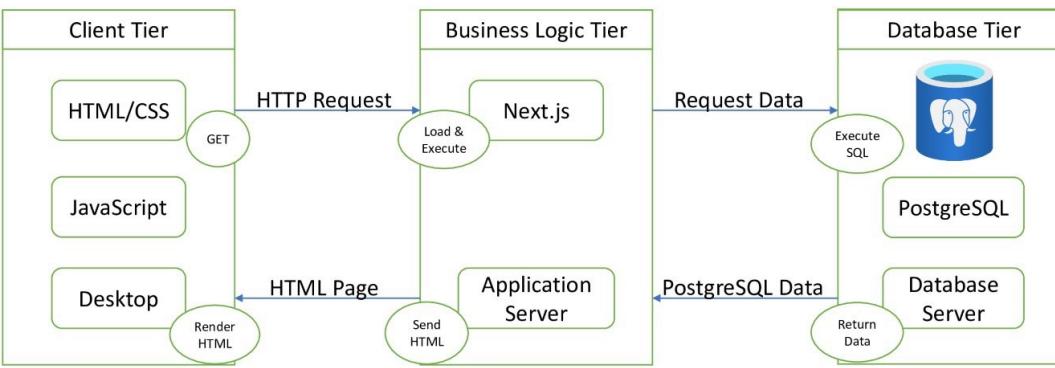
View bookings



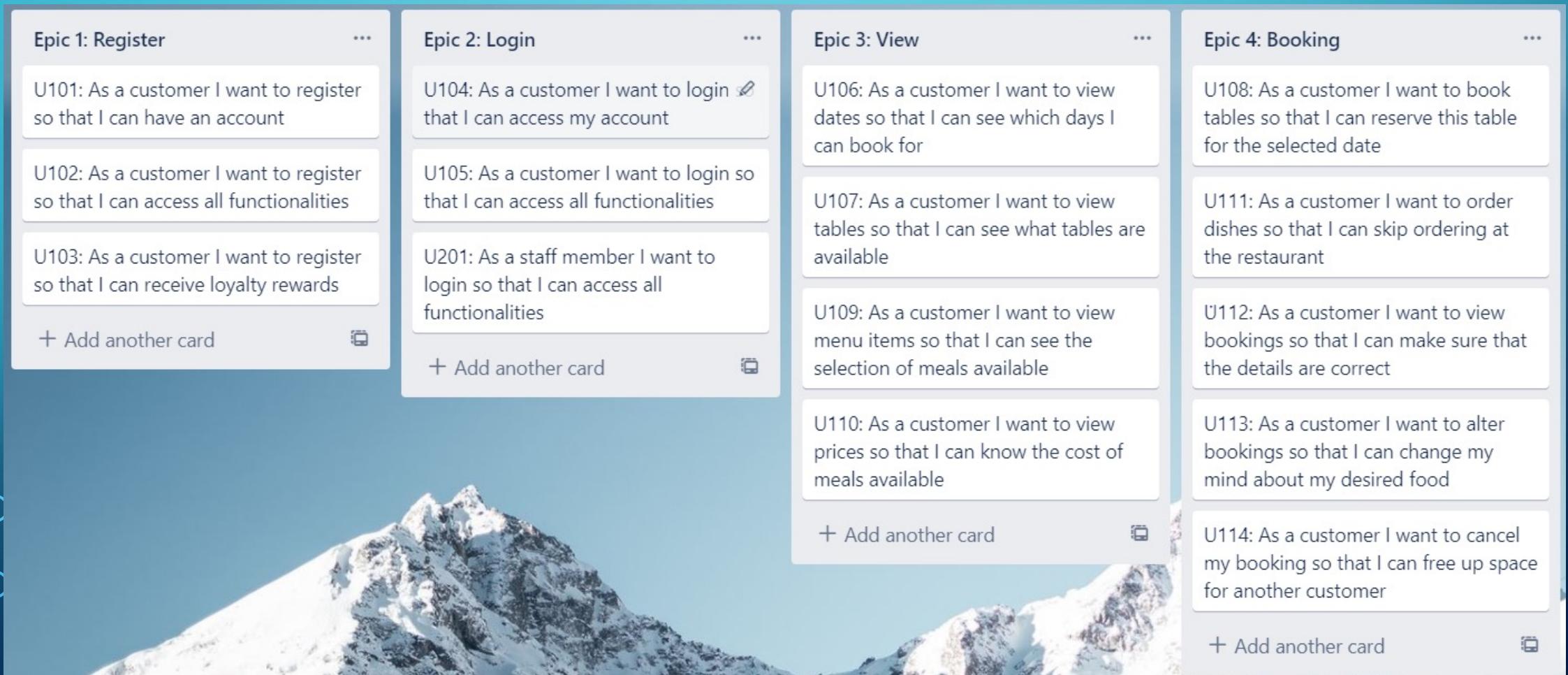
FRAMEWORKS

- Next JS
- JSON server

SOFTWARE ARCHITECTURE



USER STORY MAP



USE CASE: BOOKING



Login



Navigate to
booking tab



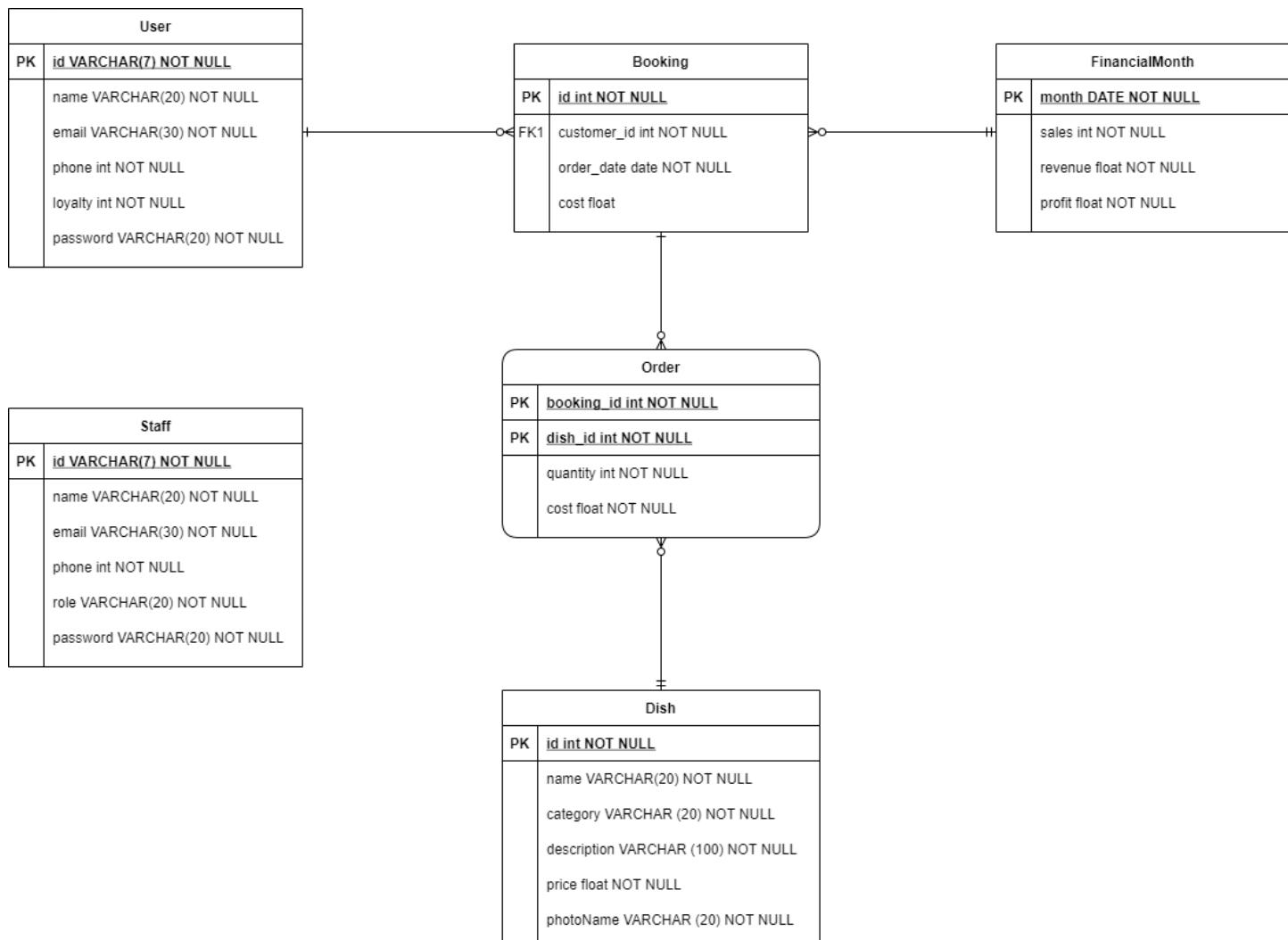
Enter details



Submit booking

ERD

- User
- Staff
- Booking
- Order
- Dish
- FinancialMonth



Registration

REGISTRATION

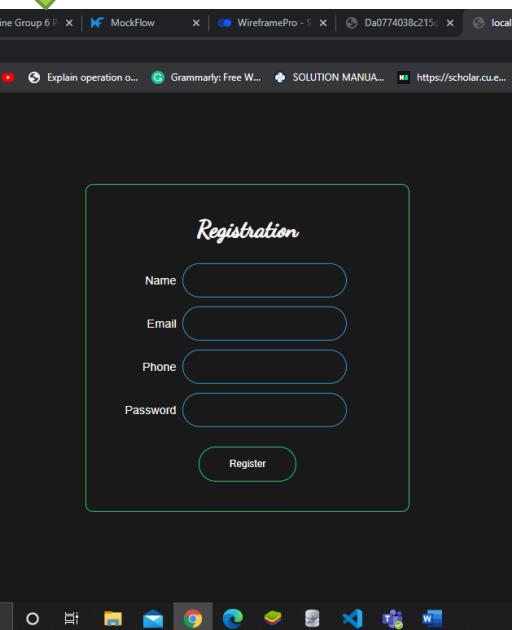
Name:

Email:

Phone:

Password:

Register

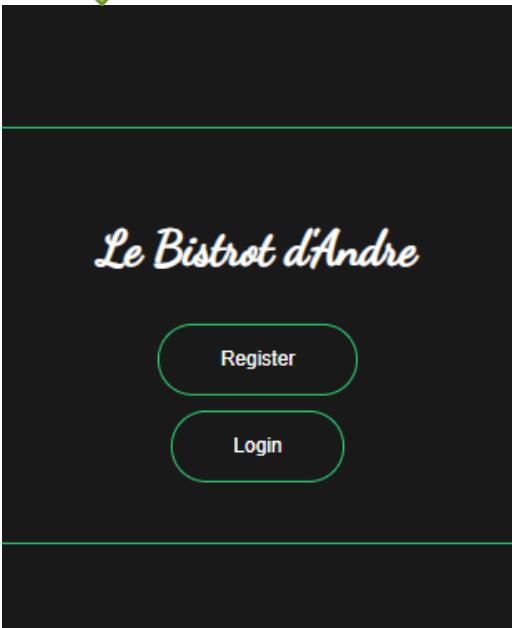


Restaurant

Le Bistrot d'Andre

Register

Login



WIREFRAMES

WIREFRAMES

Login

LOGIN

Email:

Password:



Login

Email

Password

BookTable

Home Profile Book Bookings Menu Logout

Reservation Online

Date:

Times are only booked by the hour

Time:

Table:

How many people:



Logout

Le Home Profile Book Bookings Menu

Reservation online

Times are only booked by the hour

Date

Time

Table

People number

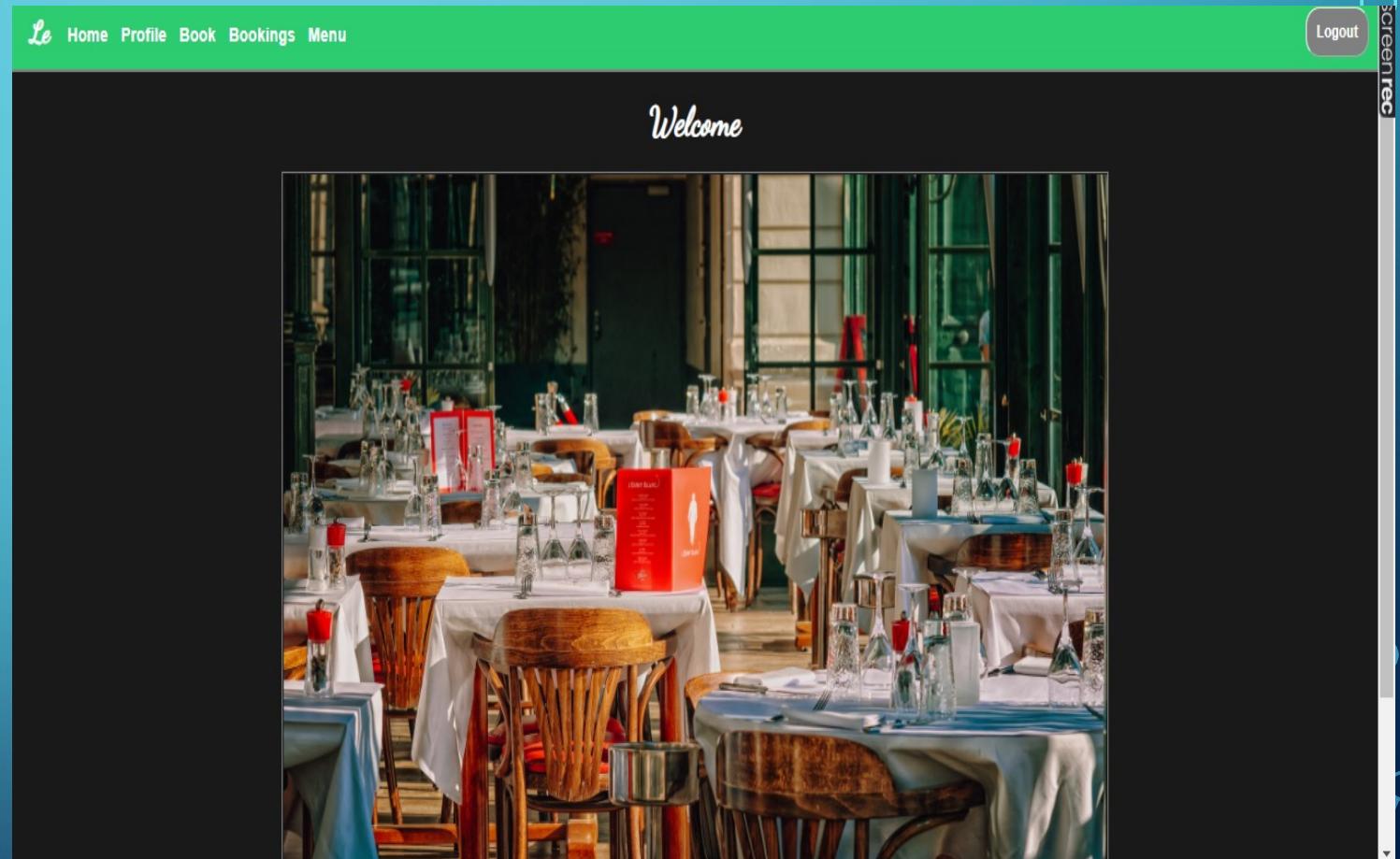
USER FRIENDLY

1) GUI

Login

Email

Password



Update Details

Name du
Email du@du
Phone 678
Password du

Loyalty Discount 1%

Update Details

Name du
Email du@du
Phone 678
Password du

Loyalty Discount 1%

USER FRIENDLY(CONTD..)

1) GUI



High Contrast Colours



Low Contrast Colours

USER FRIENDLY(CONTD..)

2) Effective and Efficient

Steps to Book a Table using our Web application:

Login

Navigate to booking tab

Enter details

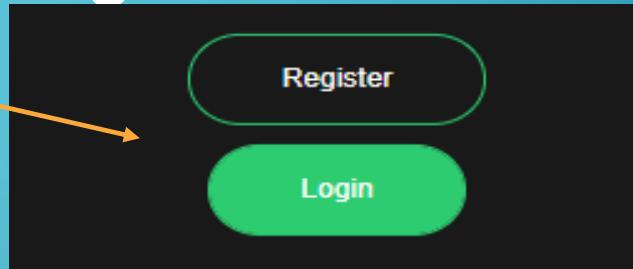
Submit booking

< 5 minutes

USER FRIENDLY(CONTD..)

3) Aesthetically appealing and easy-to-navigate

Buttons



Bookings

Current Bookings

Date	Time	Table	Number Of People	
2021-05-26	13:00	table 3	3	Cancel Booking
2021-05-27	15:00	table 3	4	Cancel Booking

Previous Bookings

Date	Time	Table	Number Of People
2021-04-10	14:00	table 3	1
2021-05-12	14:00	table 3	3

Tables



4) DOESN'T NEED THIRD-PARTY SOFTWARE

USER
FRIENDLY(CONTD..)



USER FRIENDLY(CONTD..)

5) Effective Error Handling

Errors

Update Details

The screenshot shows a form titled "Update Details". It has four fields: "Name" (containing "du"), "Email" (containing "sujith"), "Password" (containing "du"), and "Loyalty Discount" (containing "1%"). Below the "Email" field is an error message: "Please include an '@' in the email address, 'sujith' is missing an '@'." An orange arrow points from the word "Email" in the section title to this error message.

Name	du
Email	sujith
Password	du
Loyalty Discount	1%

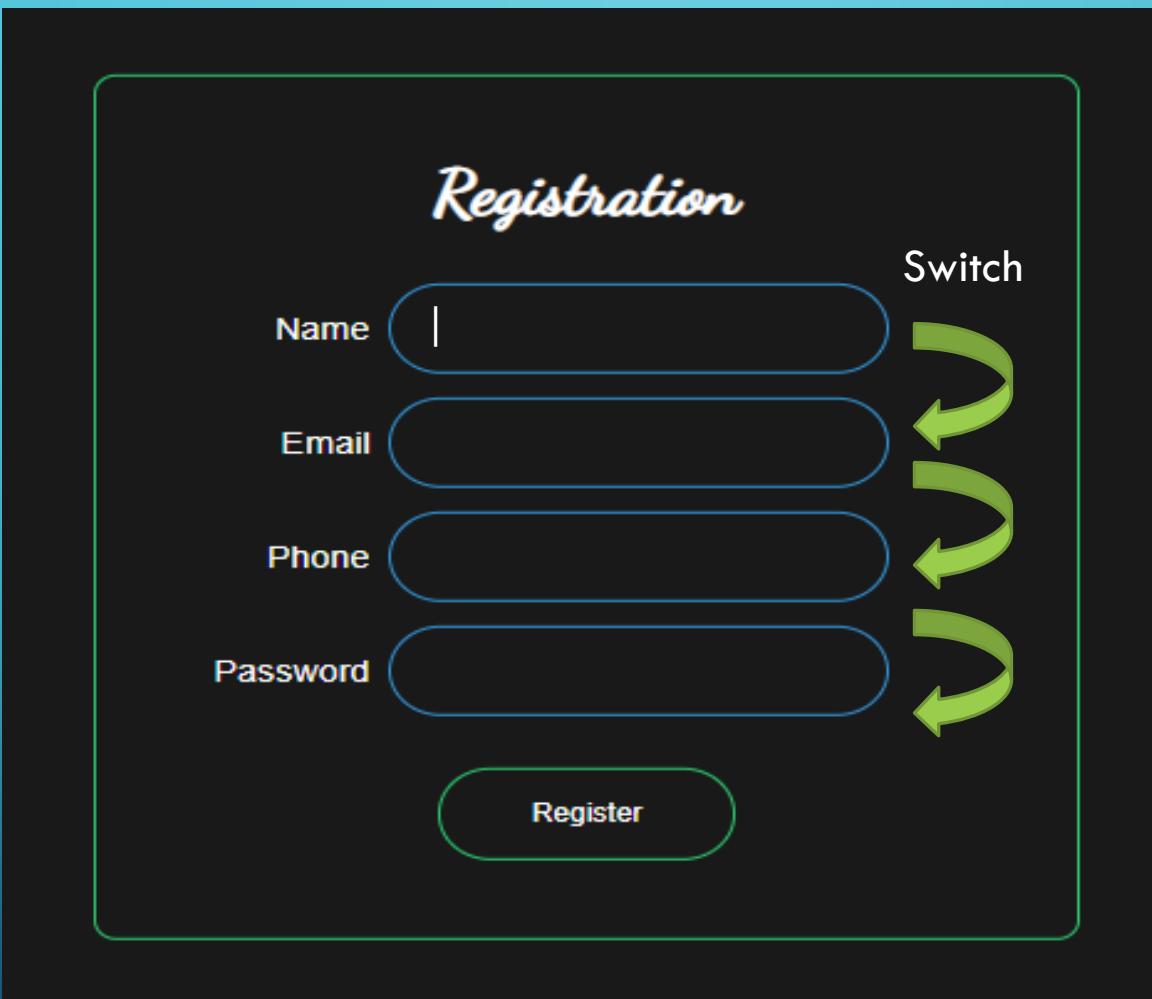
Update **Cancel**

Reservation online

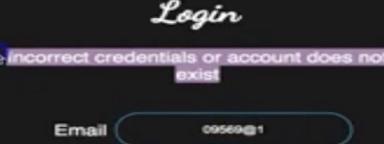
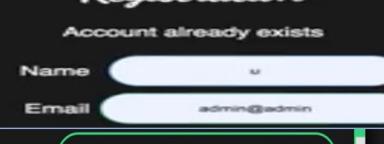
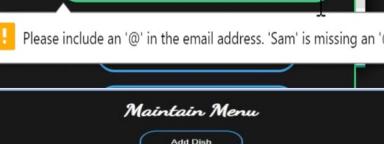
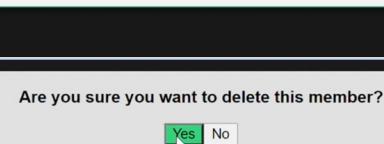
The screenshot shows a form titled "Reservation online". It has four fields: "Date" (containing "30/05/2021"), "Time" (containing "11:00 PM"), "Table" (a dropdown menu), and "People number" (containing "1"). Above the "Time" field is an error message: "Please select a time between 12 PM and 9 PM". Another error message, "Times are only booked by the hour", is displayed below the "Time" field. An orange arrow points from the word "Time" in the section title to the "Please select a time..." message.

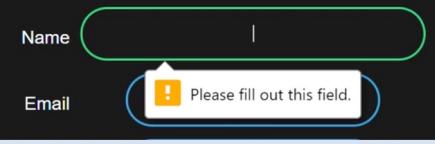
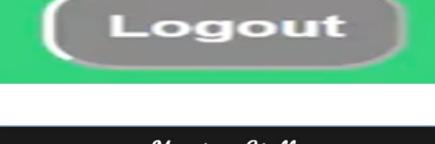
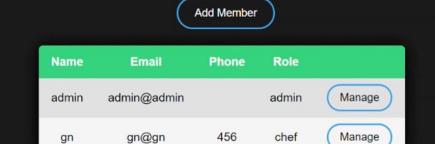
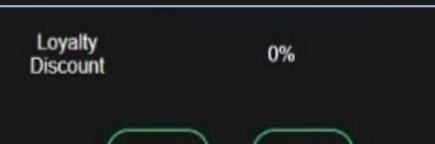
Date	30/05/2021
Time	11:00 PM
Table	(dropdown)
People number	1

USER FRIENDLY(CONTD..)



Software Testing

Test Case	Outcome	Result
Login Functionality		Success
Duplication Database		Success
Email Complexity		Success
Search Functionality		Success
Delete Functionality		Success

Test Case	Outcome	Result
Data Validation		Success
Privacy & Security		Success
Admin Functions		Success
Customer Functions		Success



GitHub