



TRAVGUIER

Travel The World

Project: CPIT280

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Section: AAR

Group No. 3

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Introduction:

Many people want to take special family trips with their families, especially their children, and their desire to participate in activities that include all family members, and this is between choosing entertainment cities, trips on the beach, or other trips that suit all family members. To get rid of the pressures of life and renew energies. Our project aims to create an application that provides integrated packages and trips for families according to a specific budget by the customer and within a specific area and within a specified period the customer, in addition to the fact that the customer can modify his trip and choose activities that correspond to the wishes of all family members.

Problem:

Nowadays, many sites and applications have started promoting tourist and recreational places to attract visitors, but the customer may find it difficult to choose due to the multiplicity of price changes and the difficulty of booking according to a specific budget in a specific space within a specific period.

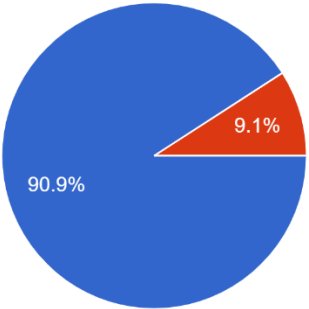
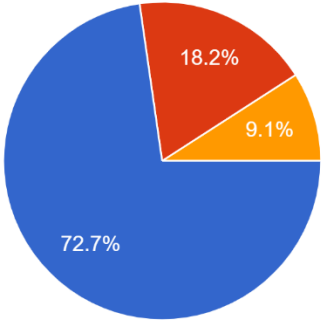
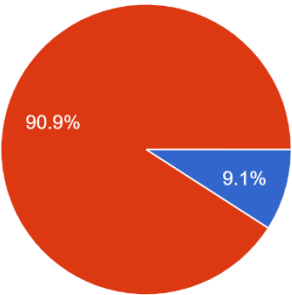
Questionnaire:

We collected data and requirements by creating a Google questionnaire form since it was easy to put together and publish. The questionnaire form contained some general and specific questions, we use the questions below:

- 1- What is the preferred reservation process to take?
 - Going in person.
 - Online reservation.
- 2- Would you prefer to have ready-made plans for trips?
- 3- Would you prefer to have plans with a specific budget?
- 4- Is it useful to provide stable contact info?
- 5- Is it useful to notify users about upcoming reservations?
- 6- Do you prefer to pay by cash or use an online payment method?

Questionnaire results:

#	Question
1	<div>What is the preferred reservation process to take?</div> <div>11 responses</div> <div><div><div></div>Going in person</div><div></div>Online reservation</div> <div><div>90.9%</div><div>9.1%</div></div>

4	<p>Is it useful to provide stable contact info?</p> <p>11 responses</p>  <p>● Yes ● No ● Maybe</p>
5	<p>Is it useful to notify users about upcoming reservations?</p> <p>11 responses</p>  <p>● Yes ● No ● Maybe</p>
6	<p>Do you prefer to pay by cash or use an online payment method?</p> <p>11 responses</p>  <p>● Cash ● Online payment method</p>

The questionnaire shows that the online booking method is easier for users, they prefer to have ready-made plans for trips within a specific budget, and they prefer online payment. Also, most agreed that it is important to provide stable contact info. We concluded that it is better to allow the user to choose whether he wants to receive notifications on his email when new offers are available in the application.

Solution:

After analyzing the problem and doing a survey, we found that an application that can provide services for the users can help them. As it is possible through the application to enable the user to obtain plans for trips according to a budget, region, and time pre-specified by the user, also can book, and later can modify the reservation.

Requirements:

Functional requirements:

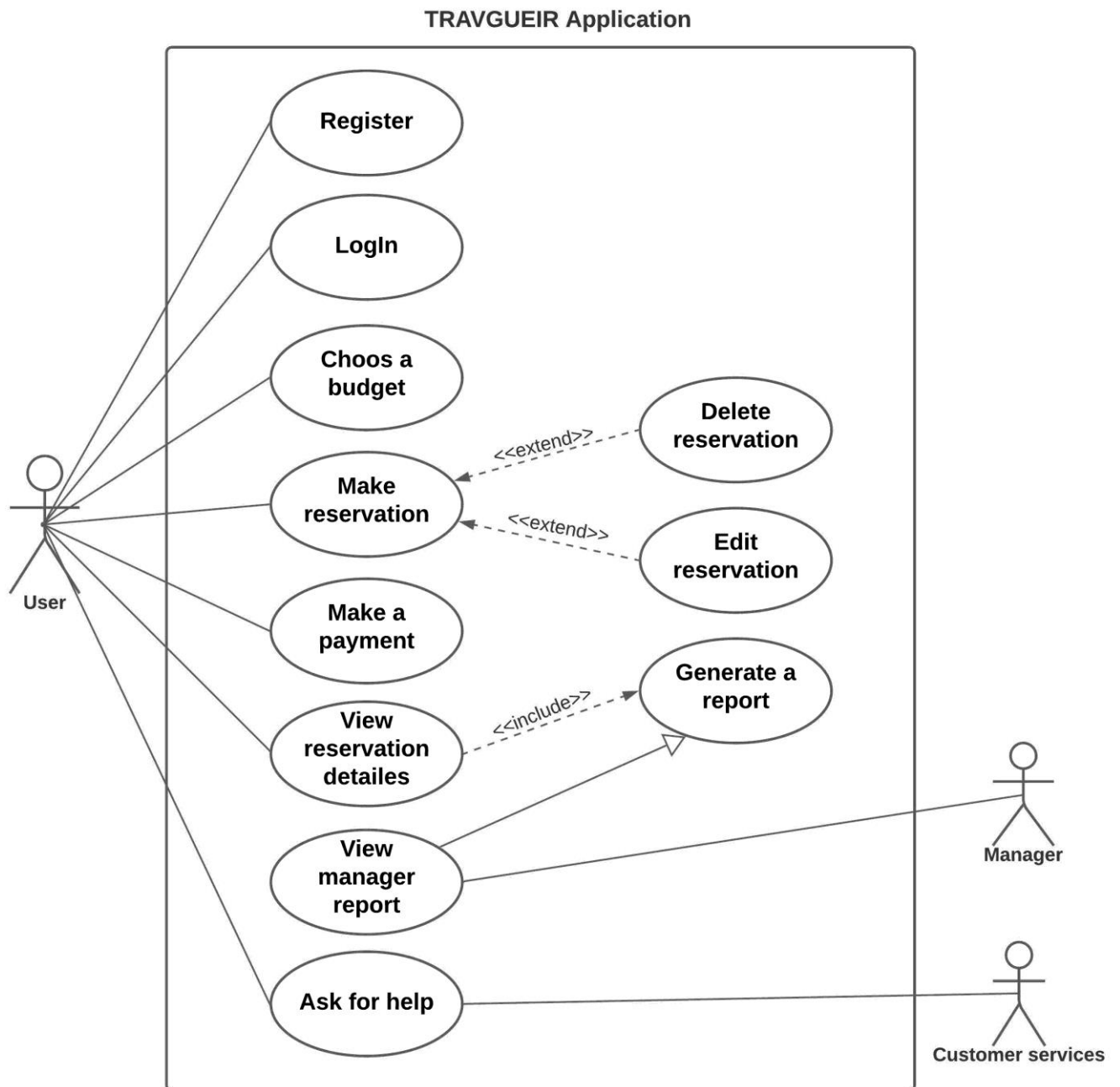
The functional requirement is mandatory in the application to help the client meet their requirement.

1. Log in to the app.
2. Log out from the app.
3. Make reservations.
4. Edit the reservations.
5. Payment.

Non-functional requirements:

1. Security.
2. Accessibility.
 - a. Data integrity.
 - b. Data retention.
 - c. Confidentiality.
 - d. Availability.

Use case diagram:



Use case scenario:

Use case	scenario
Register	If the user wants to use the application for the first time, he should enter her/his information to create a new account.
Log in	If the user has an account, he should log in to use the application. (The system will display an error message if the user enters a wrong username/password)
Choose a budget	The user should choose a specific budget from the list.
Make reservation	The user must choose a specific reservation from the list, also he can delete or edit the reservation that he chooses.
Make a payment	If the user wants to confirm her/his reservation, he should make a payment. (The system will open a page to verify the payment)
View reservation details	The reservation is complete, display all the information of the reservation to the user.
View manager report	Display a report with all information about the reservation.
Ask for help	If the user need help or want to ask a question, he can contact customer services.

Low fidelity:

The image displays four low-fidelity wireframes for a mobile application, arranged in a 2x2 grid. Each wireframe is titled at the top: 'Home', 'Log in', 'Wrong username or password', and 'Forget password'.

- Home:** Features a 'Logo' at the top, followed by the word 'Home'. Below this are two buttons labeled 'LOG IN' and 'SIGN UP'. At the bottom are the words 'About' and 'Contact'.
- Log in:** Features a 'Logo' at the top. Below it is the text 'Log in'. There are two input fields labeled 'username:' and 'Password:'. Below the password field is a checkbox labeled 'Remember?'. There is a 'LOG IN' button, a link 'forget your password?', and a link 'Don't Have An Account? Sing up'. A back arrow is at the bottom left.
- Wrong username or password:** Features a 'Logo' at the top. Below it is the text 'Log in'. There is an error message: '✖ The username/password you entered is incorrect, try again!'. Below this are two input fields labeled '✖ Username:' and '✖ Password:'. Below the password field is a checkbox labeled 'Remember?'. There is a 'LOG IN' button, a link 'forget your password?', and a link 'Don't Have An Account? Sing up'. A back arrow is at the bottom left.
- Forget password:** Features a 'Logo' at the top. Below it is the text 'please enter your phone number to receive verification code:'. There is an input field labeled 'Phone number:'. Below the input field is a 'SEND' button. A back arrow is at the bottom left.

verify code



Logo



please enter the code that you received:

Resend code.

VERIFY



New Password



Logo



your new password should be different than your previous passwords.

New Password:

* Upper and lowercase letters.
* Numeric character (0-9).
* One special character (such as !, @, or #).

Confirm password:

SAVE



Sing Up



Logo



Create an account

Username:

First Name:

Last Name:

Email:

Password:

Phone number:

☐ Receive offers via email?

SIGN UP

Do You Have An Account? Log in



Sing Up



Logo



Create an account

*user name is used before!

*Username:

First Name:

Last Name:

Email:

Password:

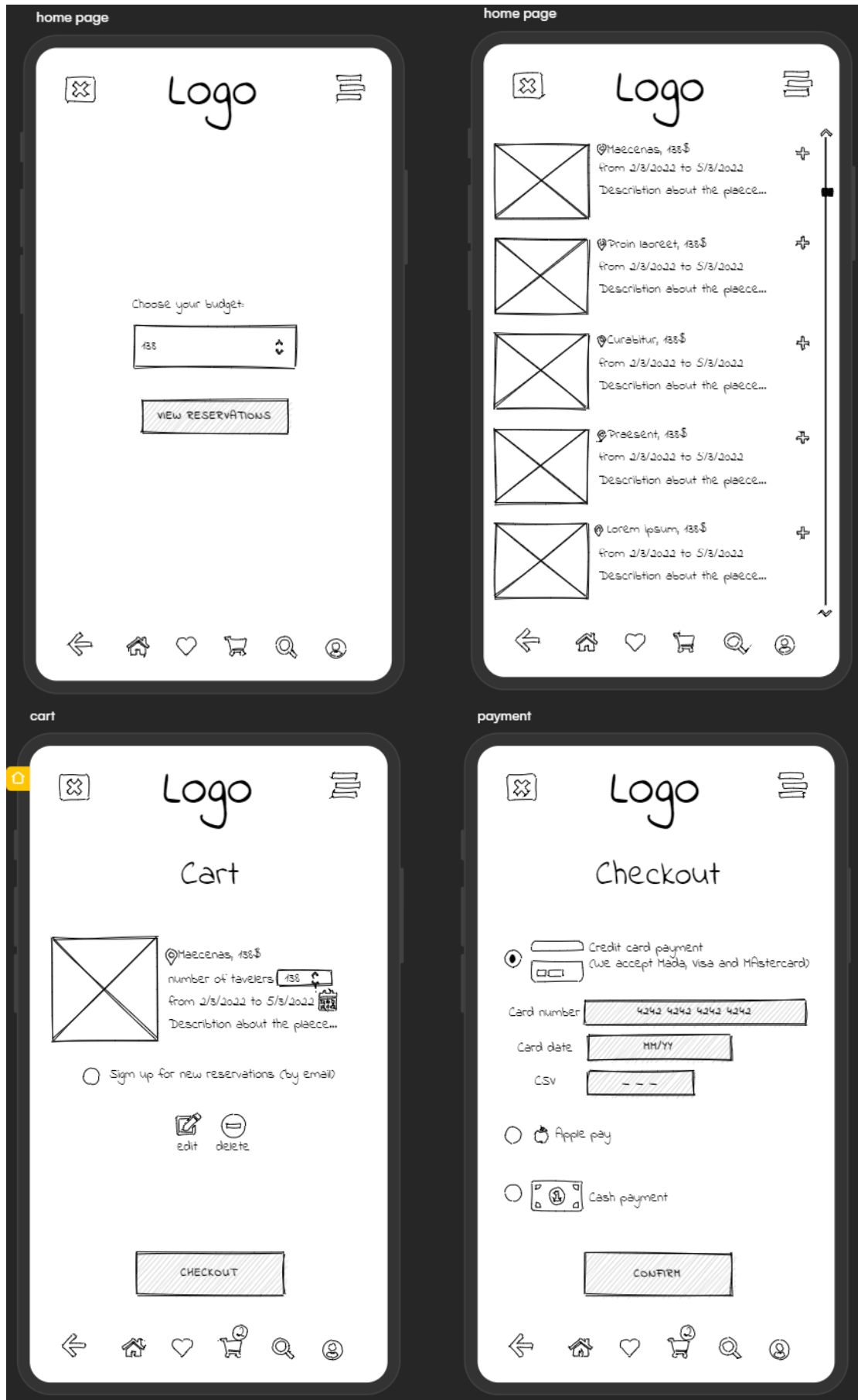
Phone number:

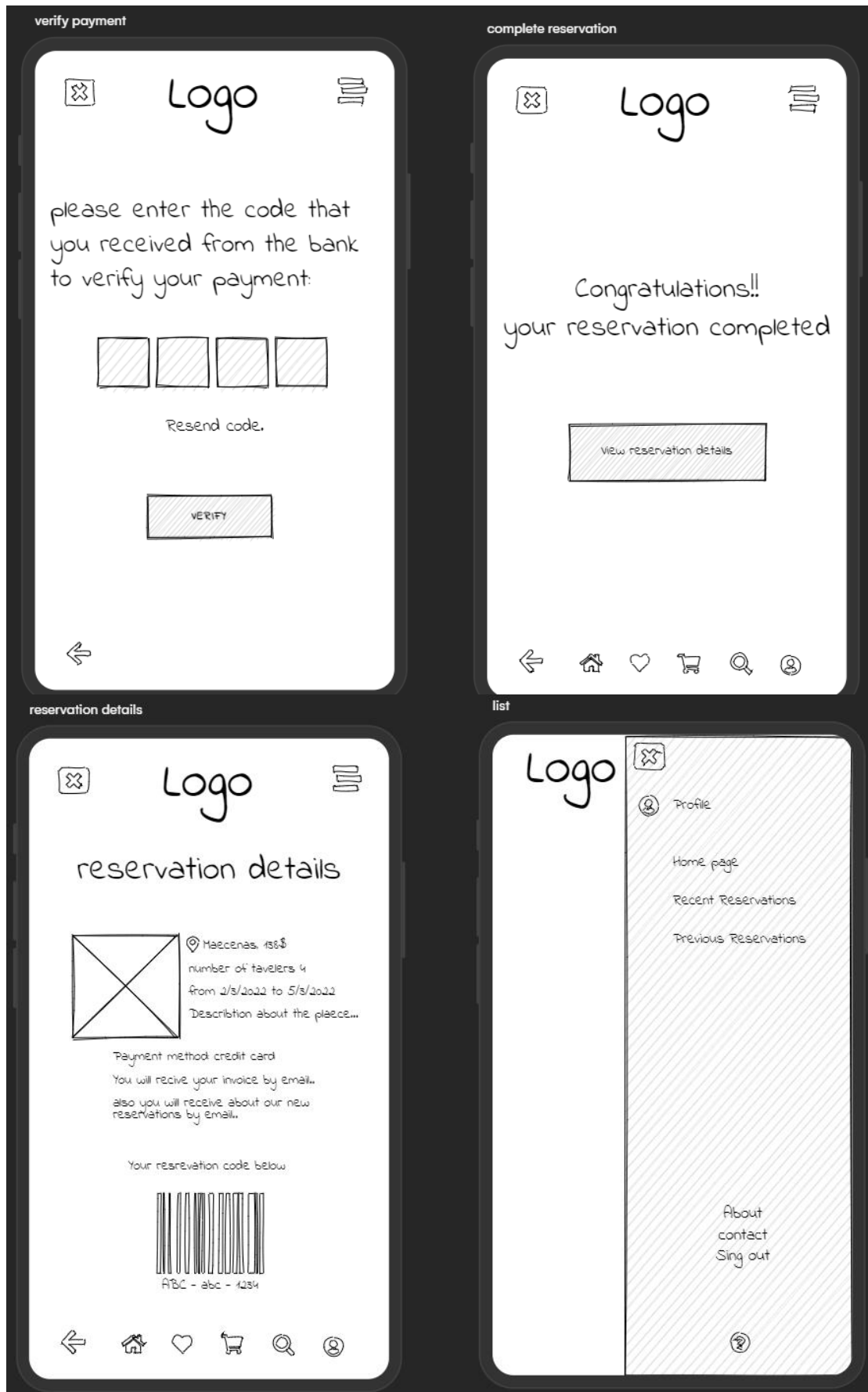
☐ Receive offers via email?

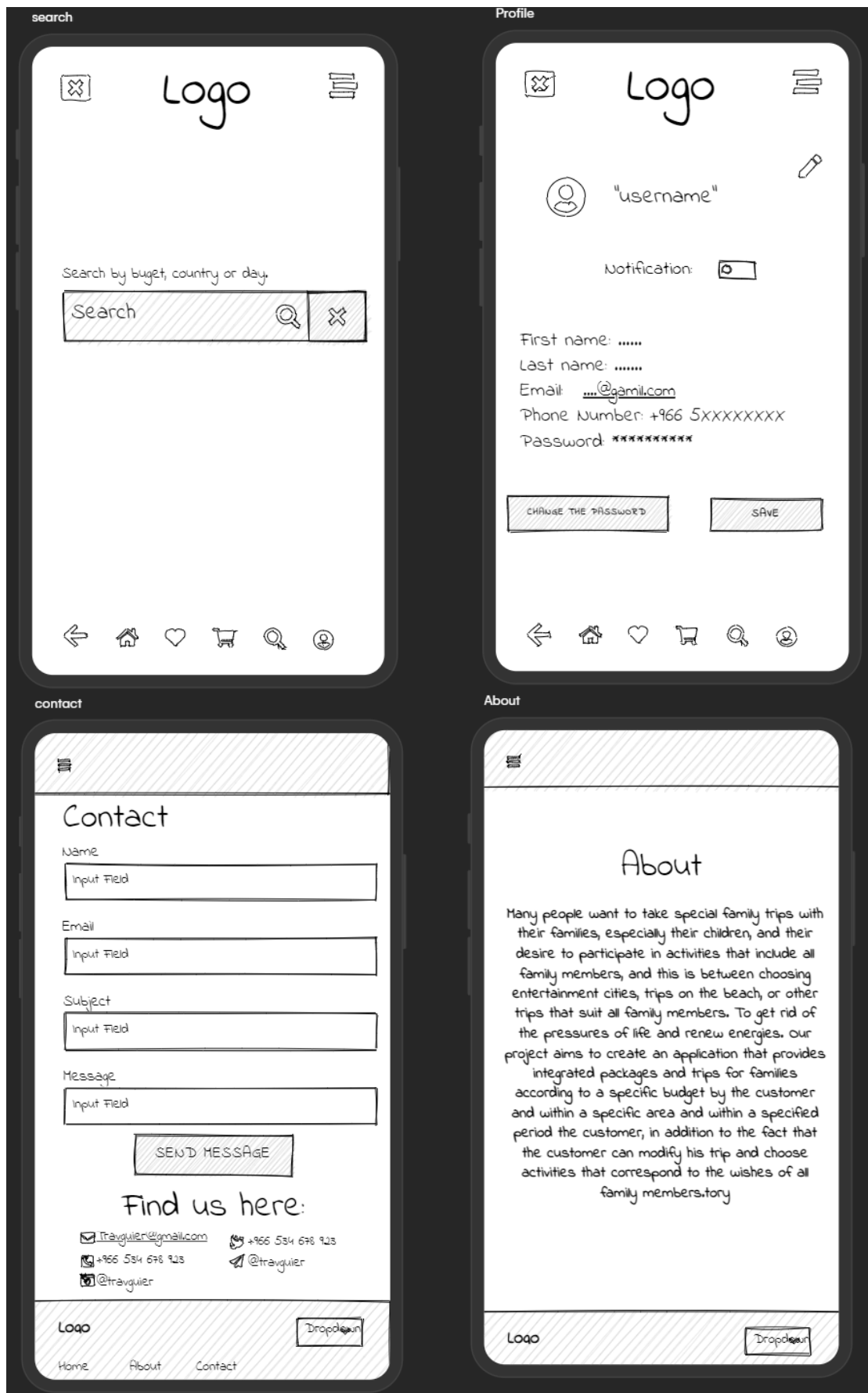
SIGN UP

Do You Have An Account? Log in

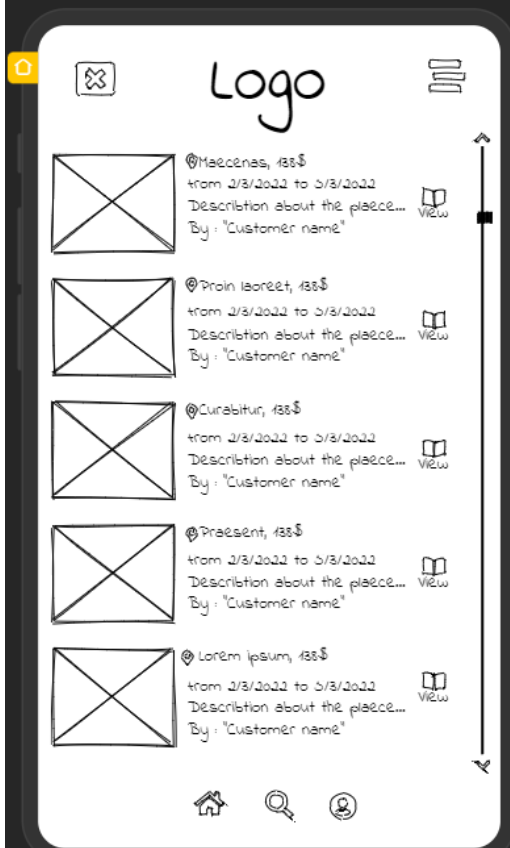




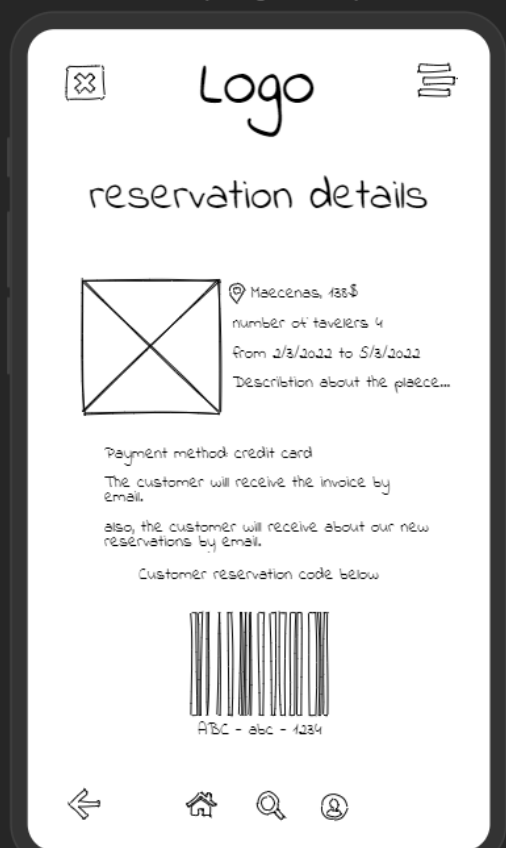




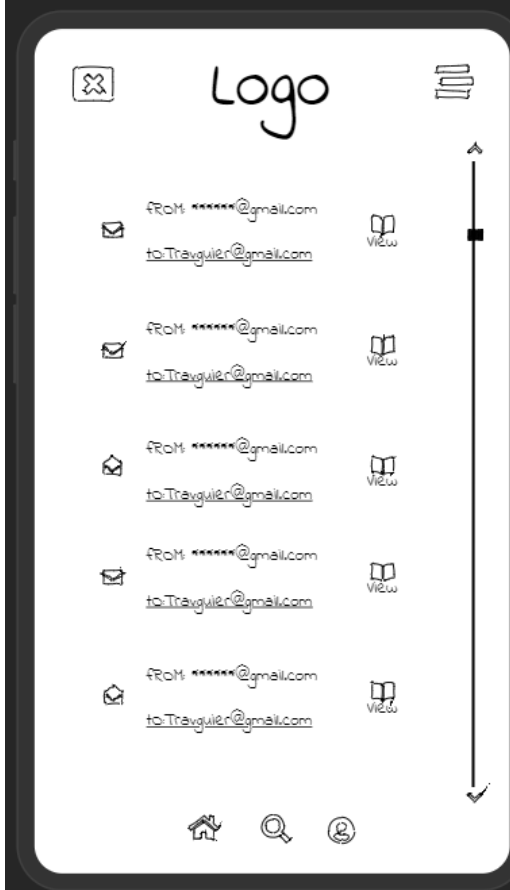
All customers reservations (manager account)



one customer details (manager account)



all customers messages (customer services account)



answer one message (customer services account)

