



# Software Engineering Project

SUPERVISOR:  
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# Student Work



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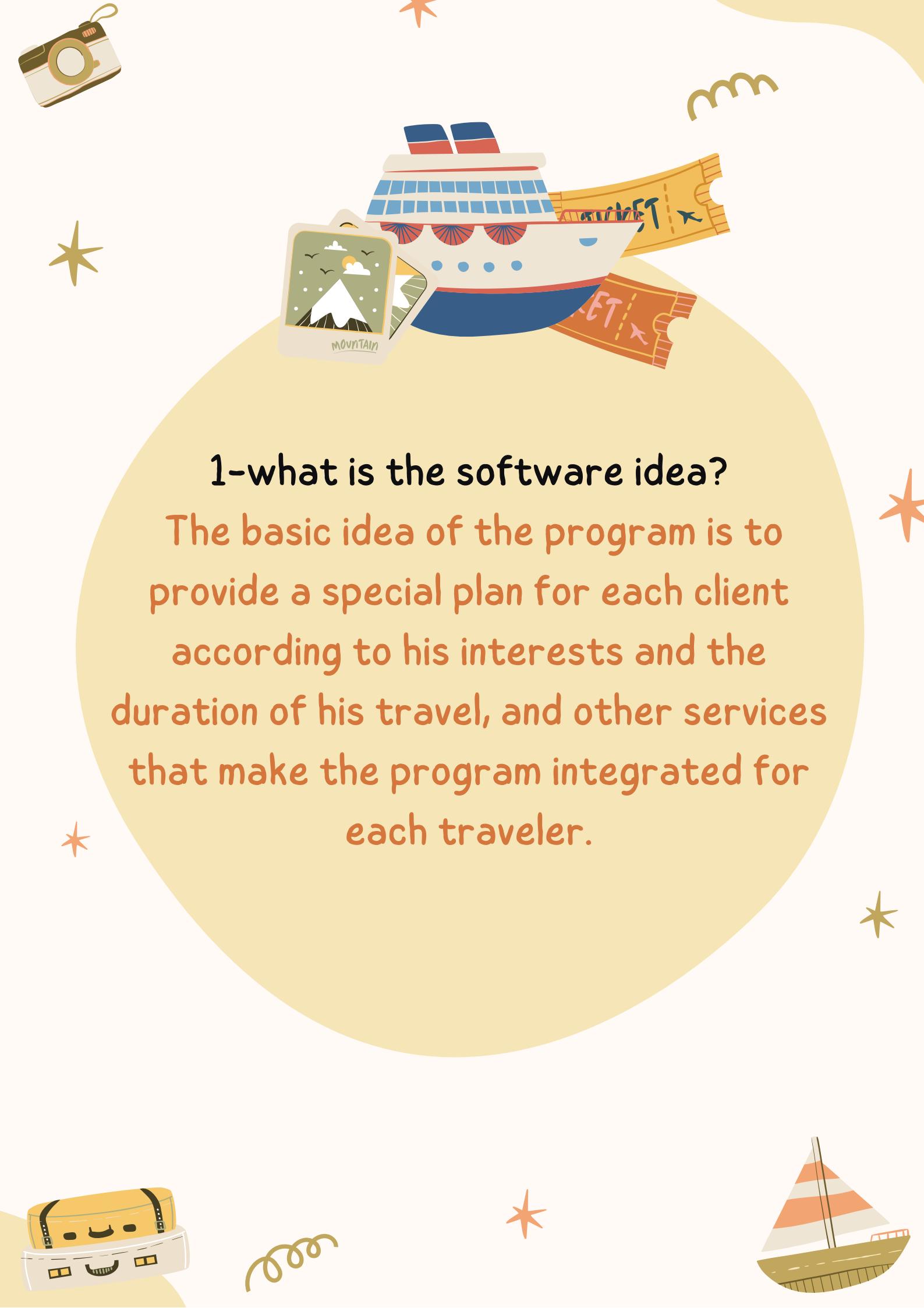


# Introduction



Do you want to travel comfortable?  
Do you want to make a travel plan and determine your destinations by yourself? Then you are in the right place. The Travel Dream provides many services such as hotels, restaurants, drivers and many more services that you can view, all you have to do is choose the services you want and then leave the rest to us.





## 1-what is the software idea?

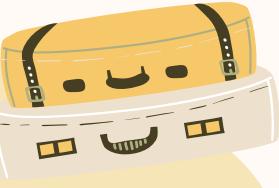
The basic idea of the program is to provide a special plan for each client according to his interests and the duration of his travel, and other services that make the program integrated for each traveler.

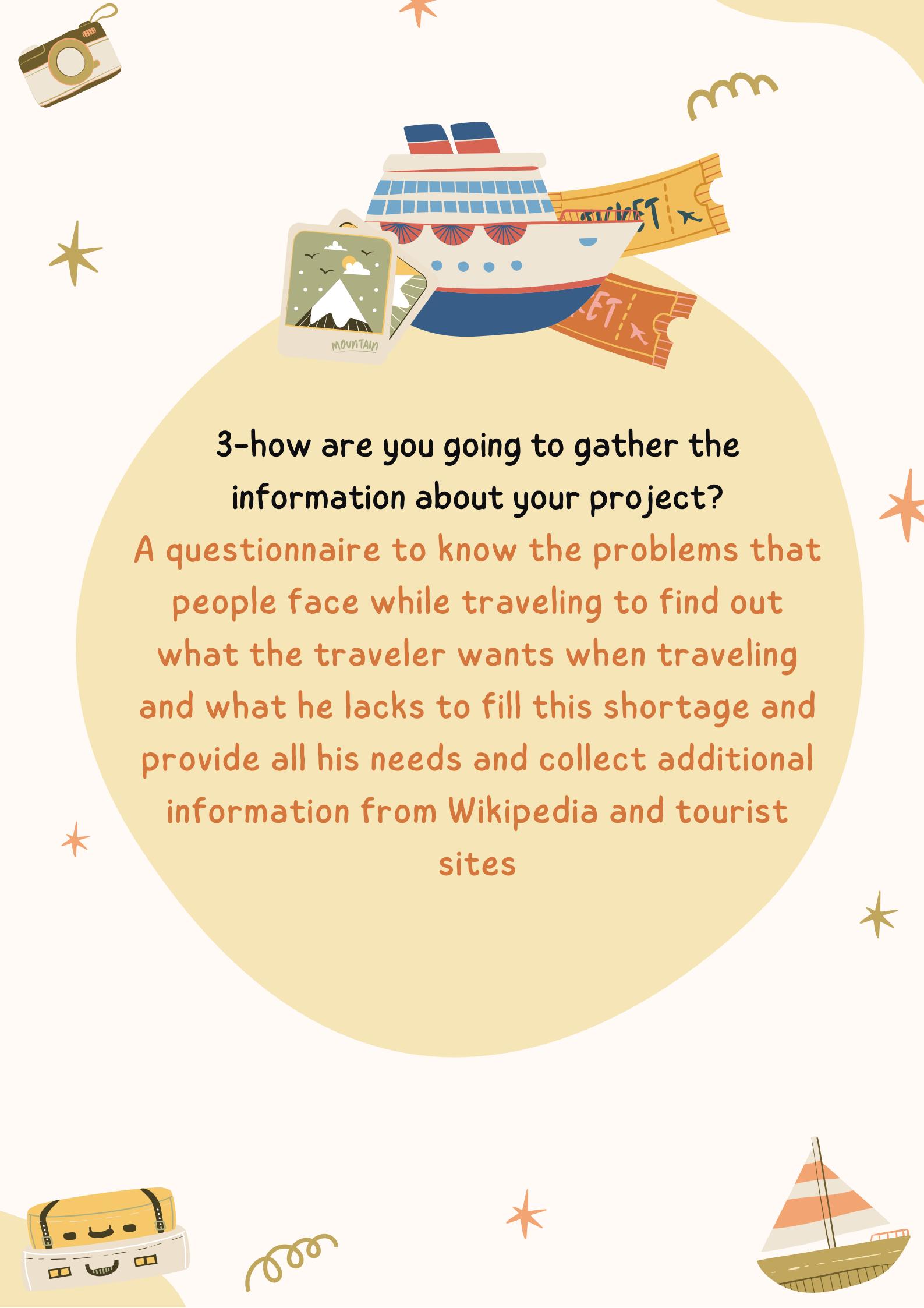
## 2-what type of problem will this software solve?

This software solves the problem that happens when a person, family, or a group of people want to travel somewhere.

They usually will not be able to set a plan to visit the places that they are interested in, in a specific period of time, or what activities they want to do in general.

Our project will give them a complete plan to help them enjoy their travel, and have Dream Travel.



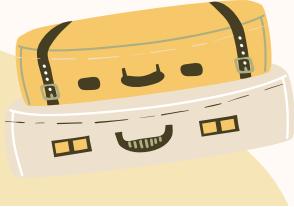


### 3-how are you going to gather the information about your project?

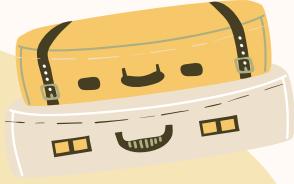
A questionnaire to know the problems that people face while traveling to find out what the traveler wants when traveling and what he lacks to fill this shortage and provide all his needs and collect additional information from Wikipedia and tourist sites



# Functional



# 1. Customer





## ★ User requirements:



1/the customer is able to Sign up

## ★ System requirements:

1.1 if the customer doesn't have account the customer will create one.

1.2 the customer will enter his information

(username,email, password, phone number, age).

1.3 the username should be unique and available.

1.4 the password should contain more than 8 characters, contain letters and numbers.

1.5 age should be older than 18 for the customer.

1.6 phone number should end with 10 numbers.

1.7 if the customer creates an account it will transfer the customer to the homepage.

1.8 If the customer has an account, the system allows the customer to sign in by username and password.

1.9 the system shall save customer information in database.





## ★ User requirements:

2/the customer is able to Sign in

## ★ System requirements:

2.1 the customer shall be able to sign in by username and password.

2.2 The system checks username and password from the database

2.3 The system sends a message to indicate the wrong username or password only if the username or password is not present in the database

2.4 The system opens the home page only if the username and password are present in the database.





## ★ User requirements:

3/ The customer can choose plan.

## ★ System requirements:

3.1 The system will give the customer two choices:

1-a planned plan, 2-a plan based on the customer's interests

3.2 If the customer wants the planned plan All the plans will appear from database.

3.3 The customer will choose the appropriate plan for him.

3.4 the chosen plan will store in database.

3.5 the plan will appear to him in profile.





## ★ User requirements:



4/ The customer can make a plan.

## ★ System requirements:

4.1 The system will give the customer two choices:

1-a planned plan, 2-a plan based on the customer's interests .

4.2 If the customer wants the plan based on his interests, he will fill out a form that contains many questions that will specify exactly what the customer wants.

4.3 The customer will choose the city he wants to travel to, and it will show the customer a group of cities to choose from.

4.4 The customer will choose the date, and time he wants to travel

4.5 The customer will choose the activities that the customer is interested in (adventures, games, sports, relaxation and recreation, theaters, markets, attractions, museums, historical sites, parks).



- 4.6 The customer will choose the price range he can afford
- 4.7 The customer will choose the type of trip (family, youth, honeymoon, business)
- 4.8 if the customer wanted a driver, the customer will pick the driver from the list, and the system allows the customers to skip it If the customer does not want to choose a driver.
- 4.9 If the customer clicks on submit, a plan will appear to him in profile .
- 4.10 the plan that the customer maked will store in the database.



## ★ User requirements:

5/The customer will be able to see his plans

## ★ System requirements:

5.1 The customer needs to sign in to the website to see the plan.

5.2 After he signed in the customer will go to my profile.

5.3 Then the plan will appear from database to the customer.





## ★ User requirements:



6/the customer have a experience.

## ★ System requirements:

6.1 the customer will open the choose plane page and click more button.

6.2 the comments will retrieved from the database and will appear to the customer.

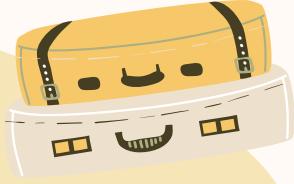
6.3 if the customer want to write his experience,then he will be type the comments in the add comment box.

6.4 experience that customer wrote will store in database.





2.Driver





## ★ User requirements:



1/the driver is able to Sign up

## ★ System requirements:

- 1.1 if the driver doesn't have account the driver will create one.
- 1.2 the driver will enter his information (Username,password, email, phonenumbers ,age,languag,car type,city).
- 1.3 the username should be unique and available.
- 1.4 the password should contain more than 8 characters, contain letters and numbers.
- 1.5 age should be older than 18 for the customer.
- 1.6 phone number should end with 10 numbers.
- 1.7 If the driver has an account, the system allows the driver to sign in by username and password.
- 1.8 the system shall save driver information in database.





## ★ User requirements:

2/the driver is able to Sign in

## ★ System requirements:

- 2.1 the driver shall be able to sign in by username and password.
- 2.2 The system checks username and password from the database
- 2.3 The system sends a message to indicate the wrong username or password only if the username or password is not present in the database
- 2.4 The system opens the home page only if the username and password are present in the database.





## ★ User requirements:



3/ the driver can see the plan of the customer who booked him.

## ★ System requirements:

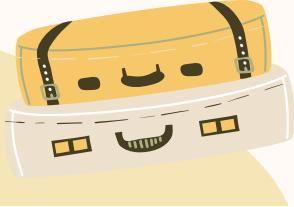
3.1 The driver needs to sign in to the website to see the plan of the customer who booked him.

3.2 After he signed in the driver will go to my profile.

3.3 Then the plan will appear from database to the driver.



# Non Functional





## 1\reliability

large database to handle a large number of users above 1000 user



## 2/ availability

the system should be available 24/7 by use more than one server



## 3/ speed

the response time is hight in less than a second by simplify the code, enable the user to caching, and reduce redirects



## 4/ Secure

the user information will be secure and protected against attacks by encrypt user information

## 5\easy to use

use a simple interface to be friendly with the user



# Use Case



Customer

Sign up



Sign in

choose a plan

make a plan

see the  
plane

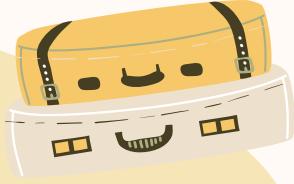
Have  
experience

Fill the Form

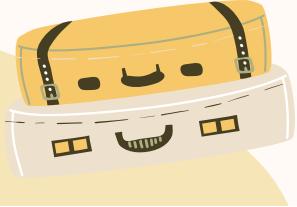
It's not necessary for the customer to write their opinion of the plan

«Extends»

«Includes»

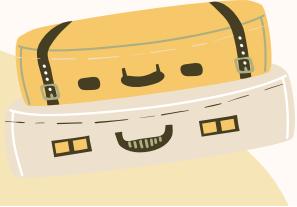


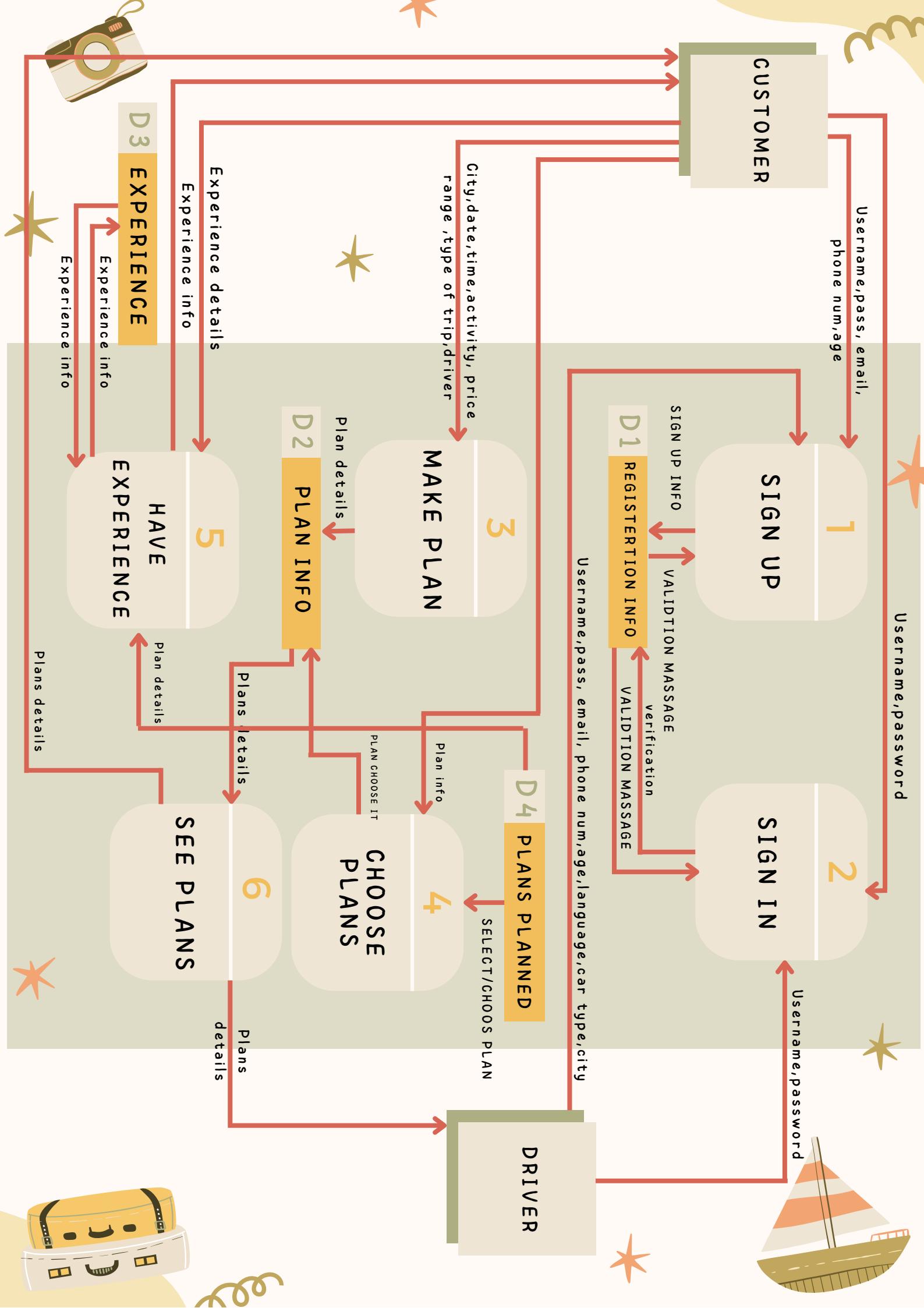
DFD 0



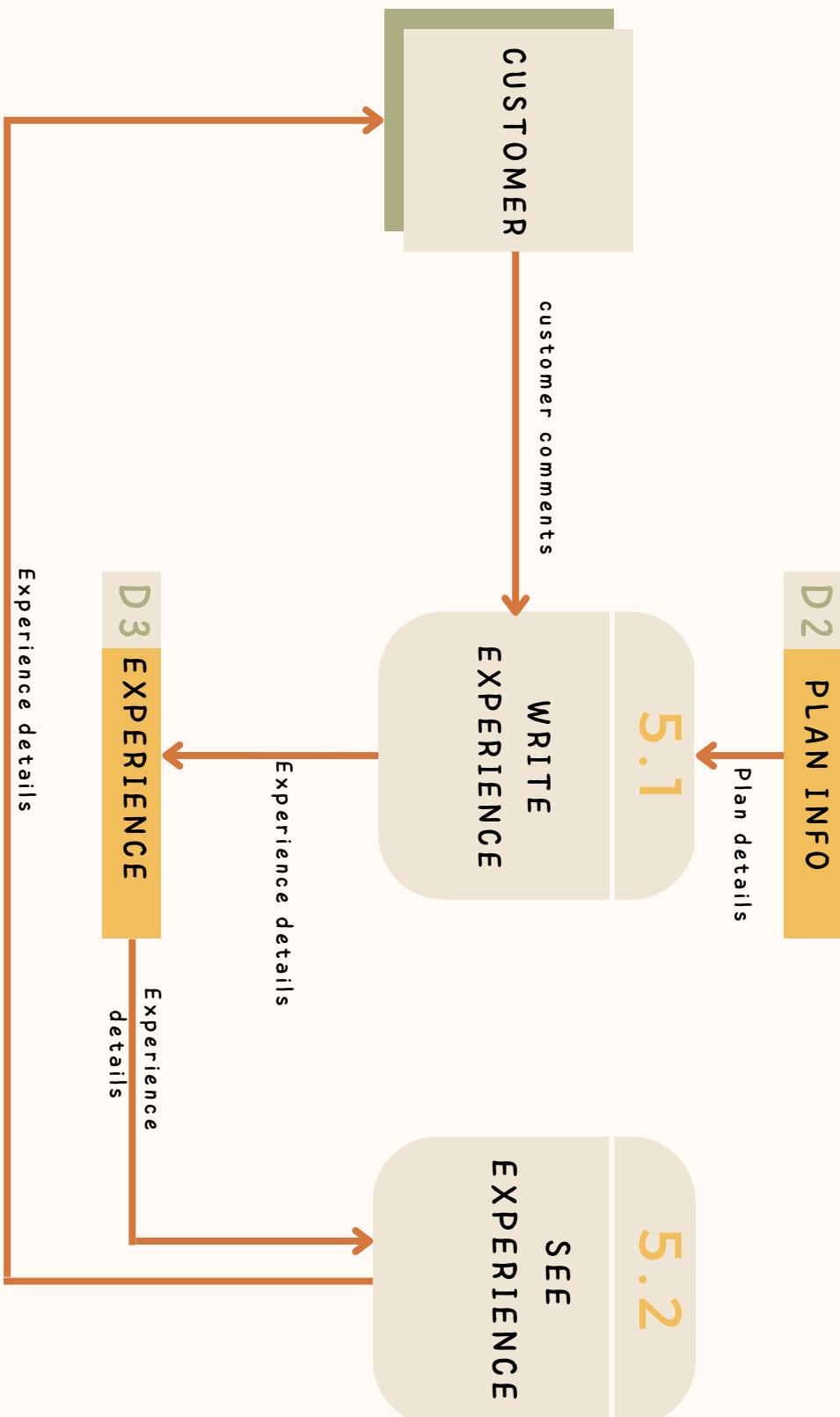


DFD 1

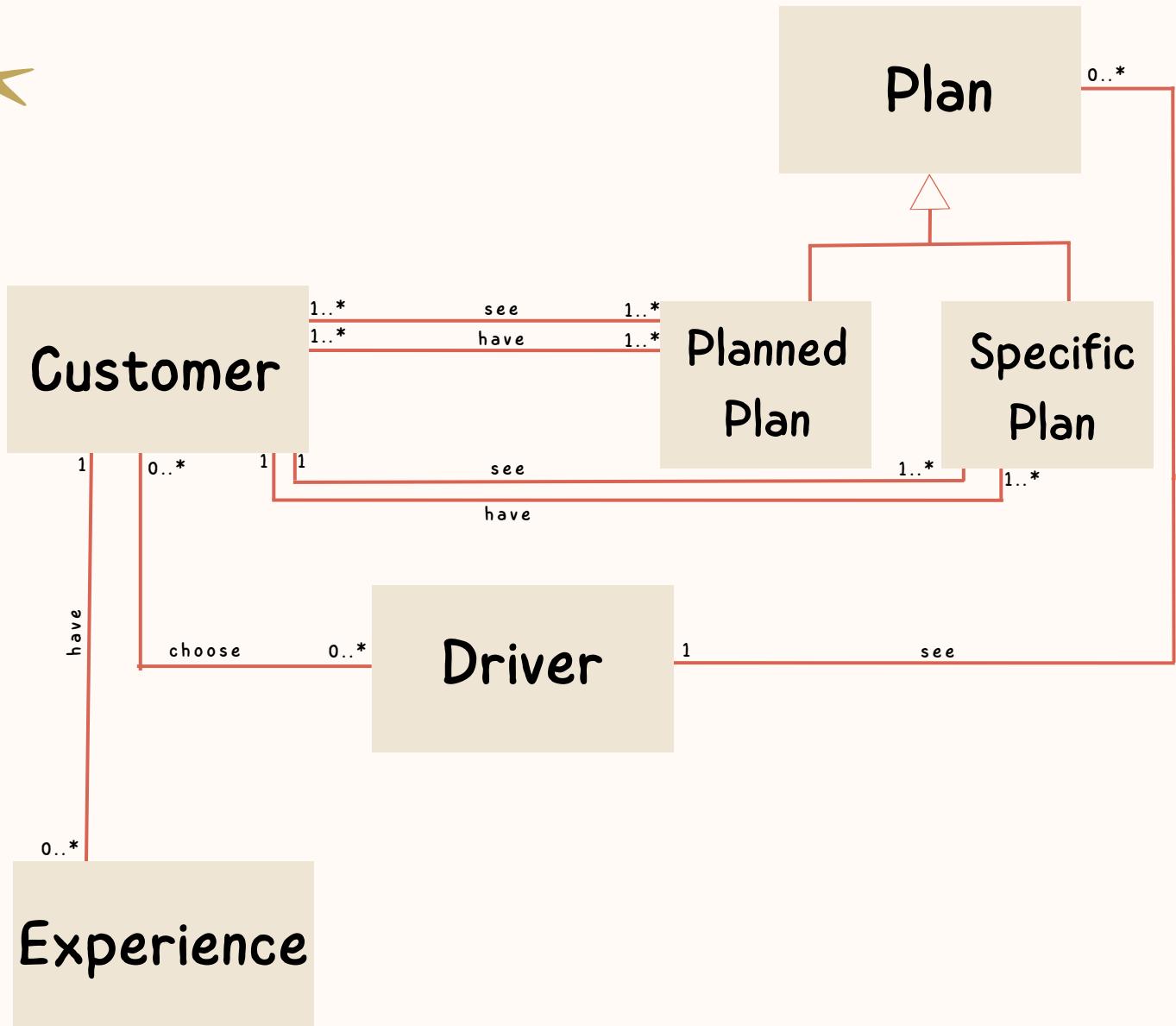


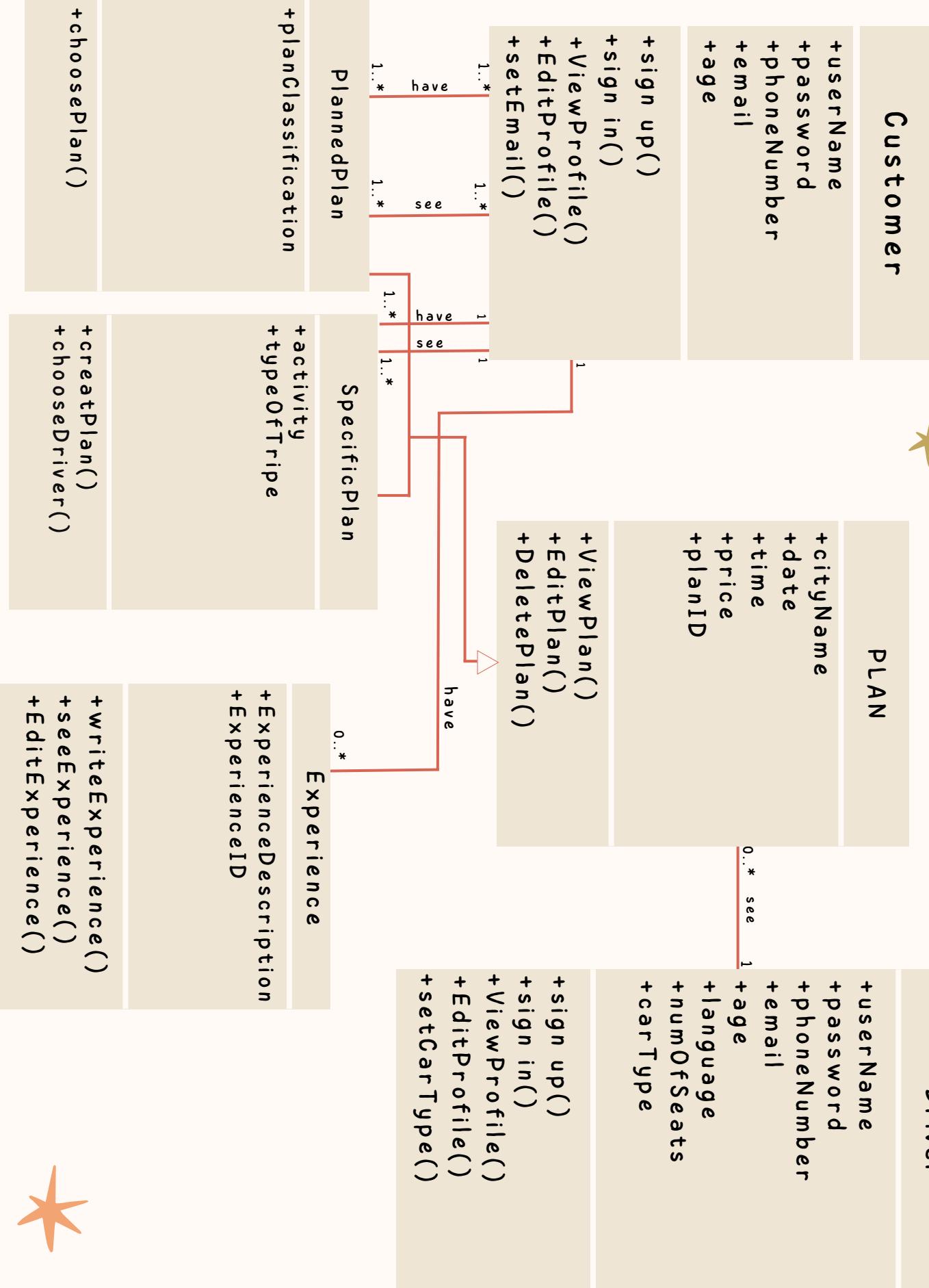


# Child Diagram



# Class Diagram

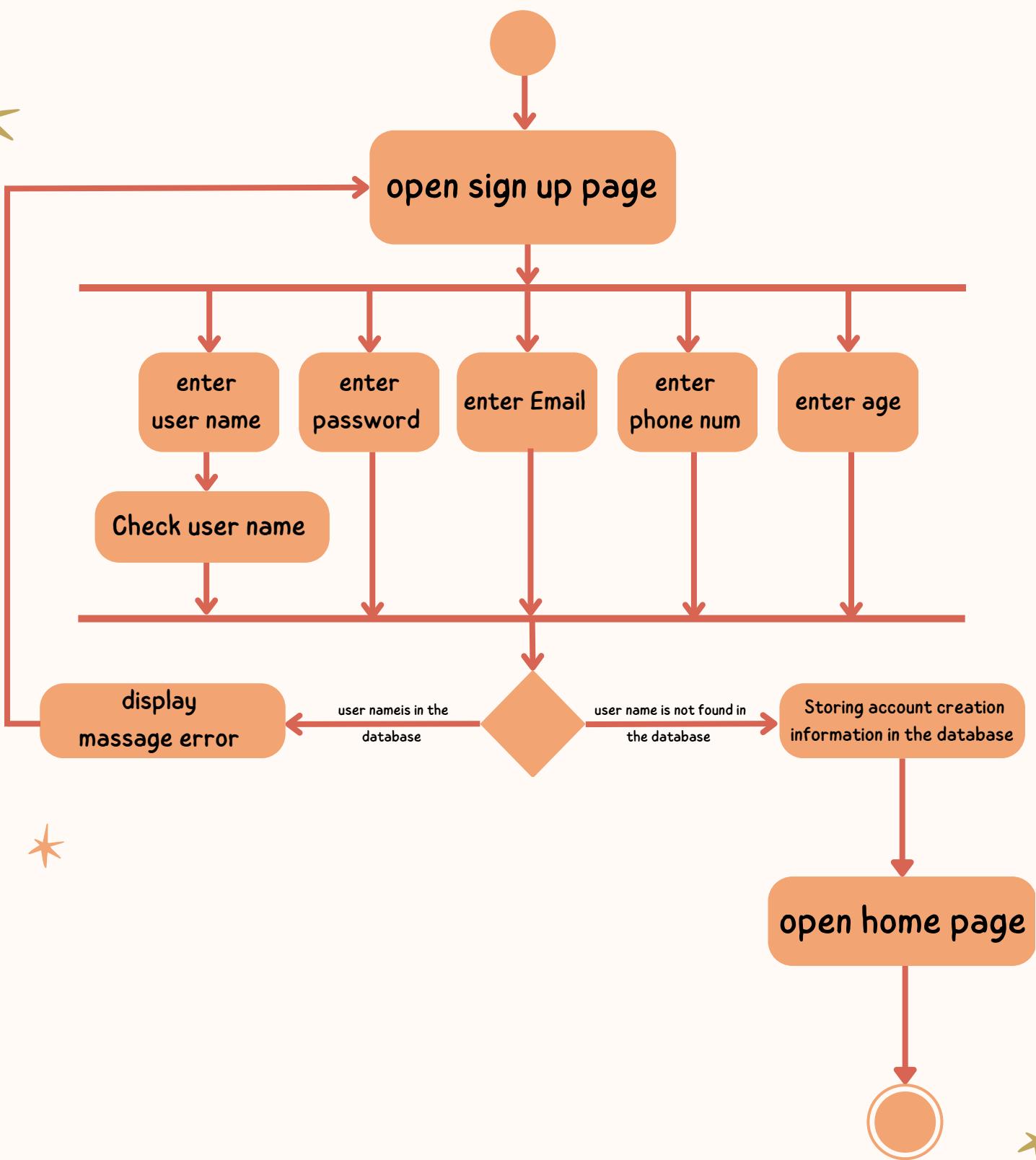




# Activity Diagram

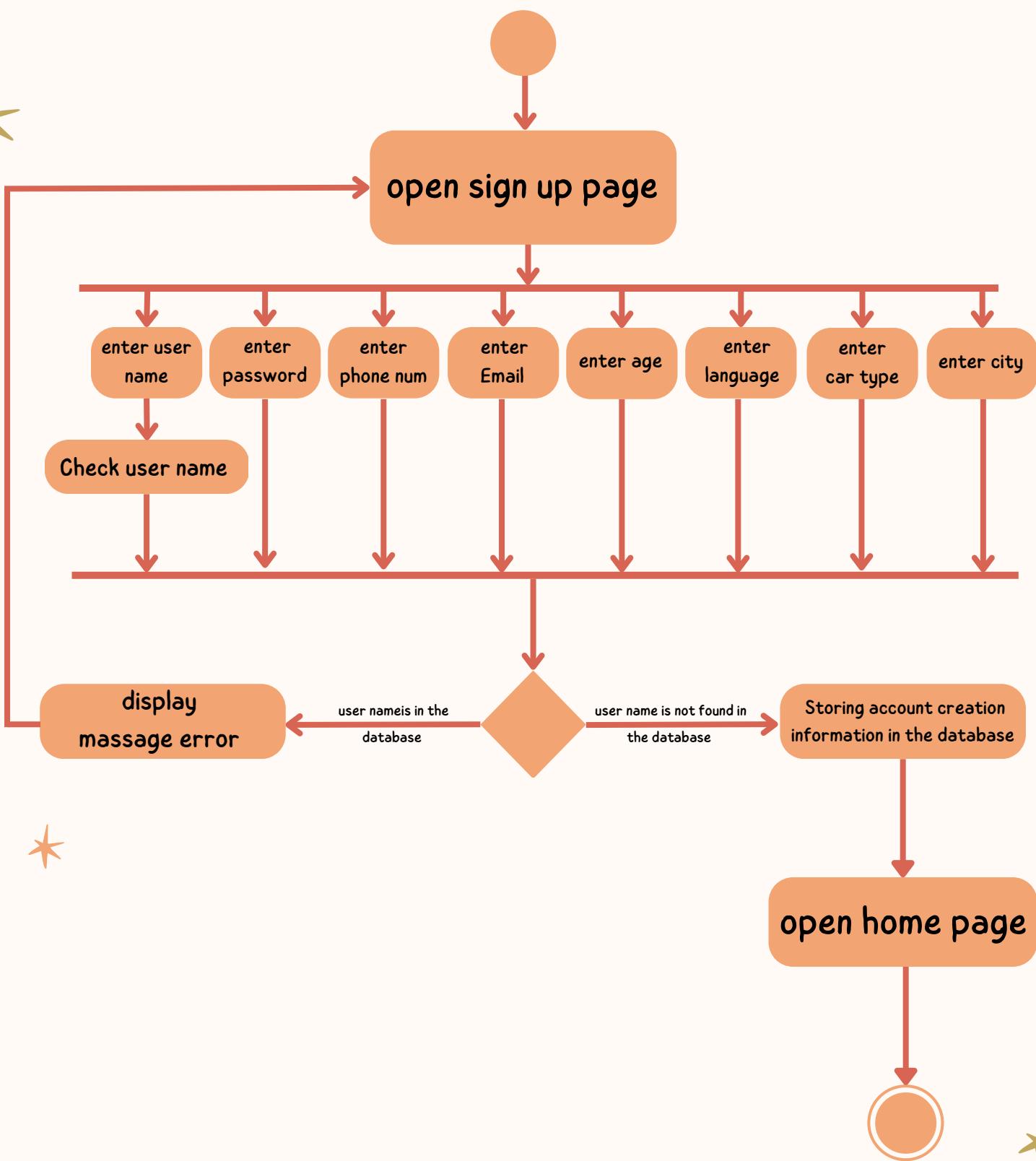
# sign up

## CUSTOMER

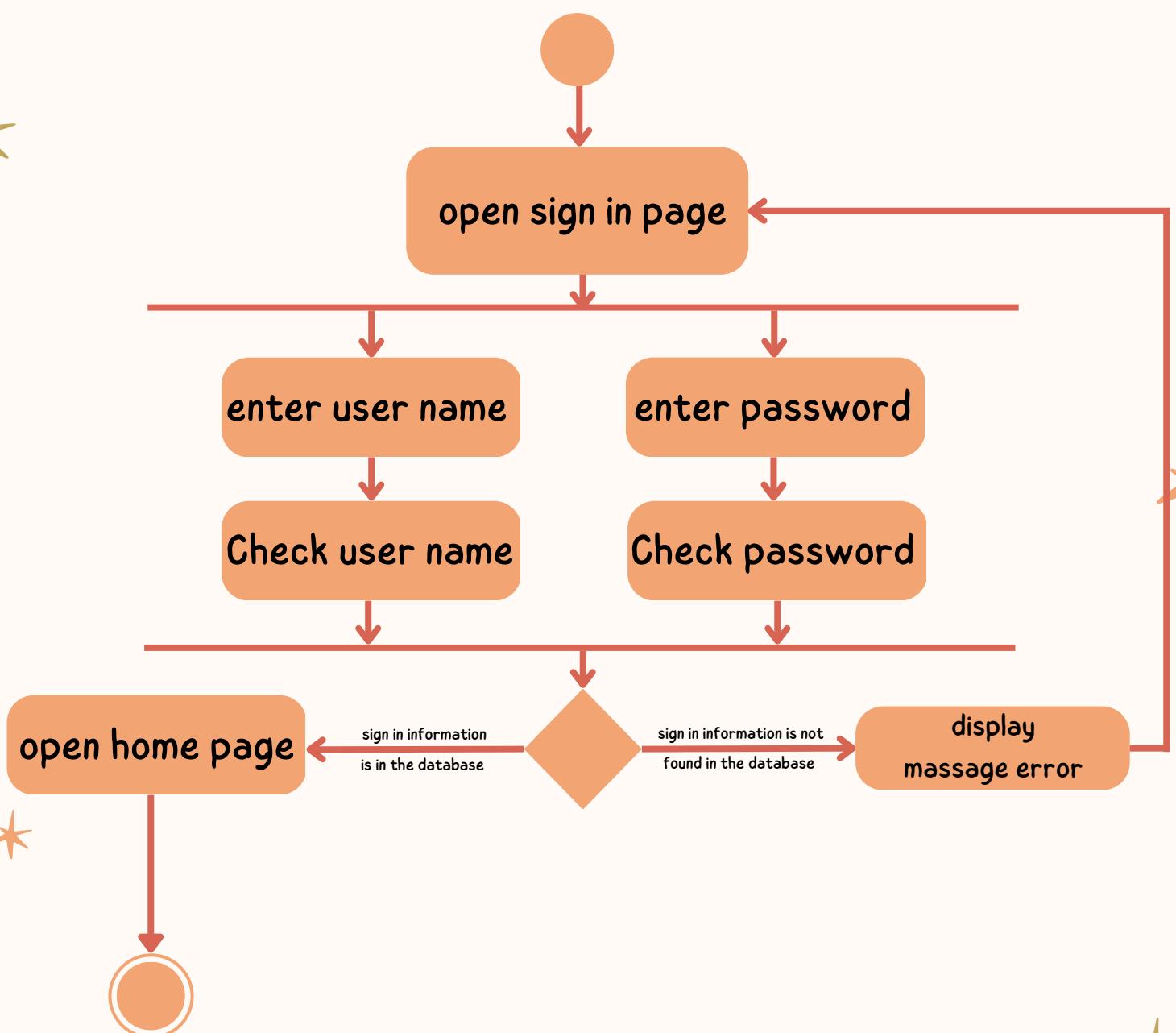


# sign up

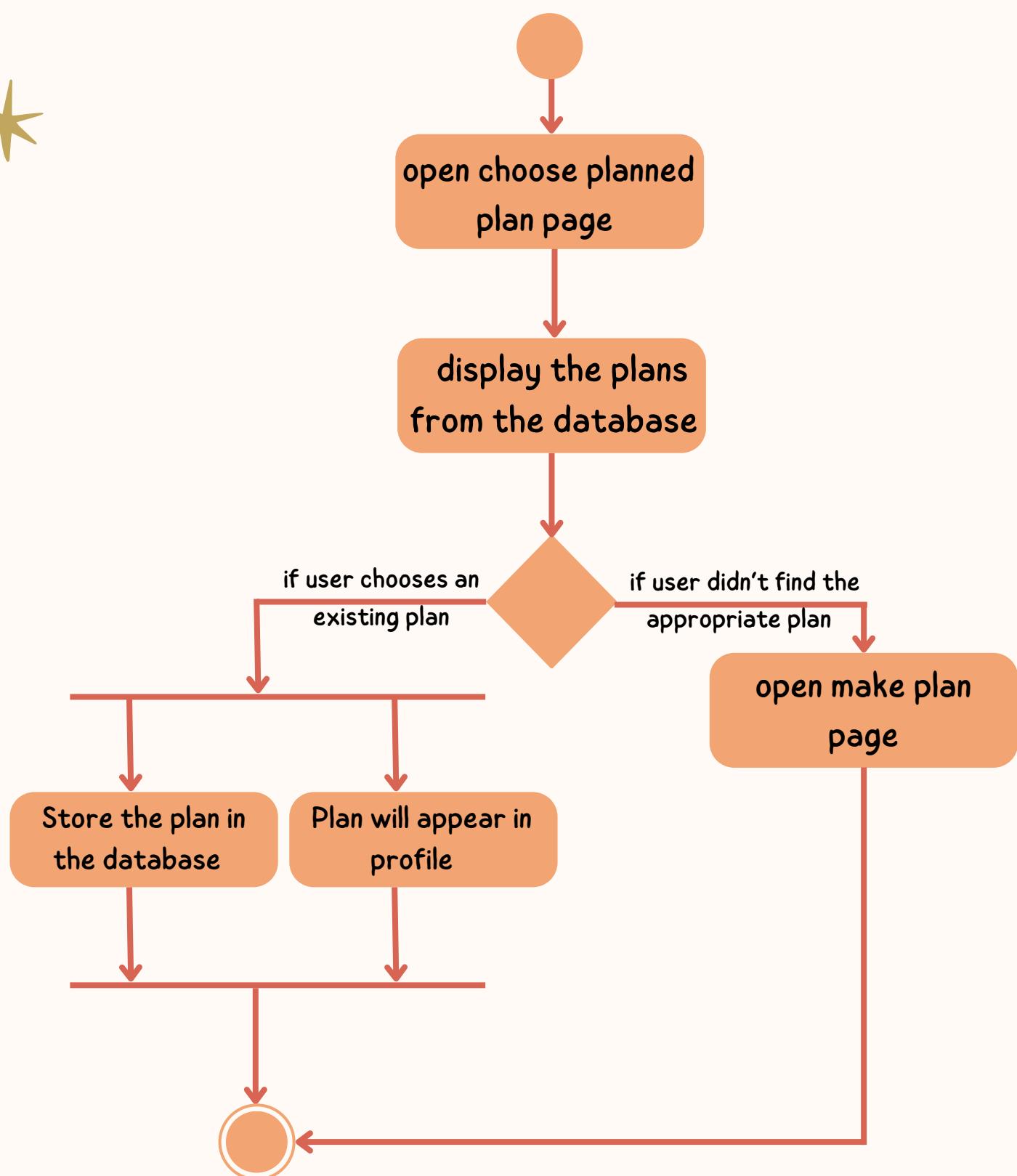
DRIVER



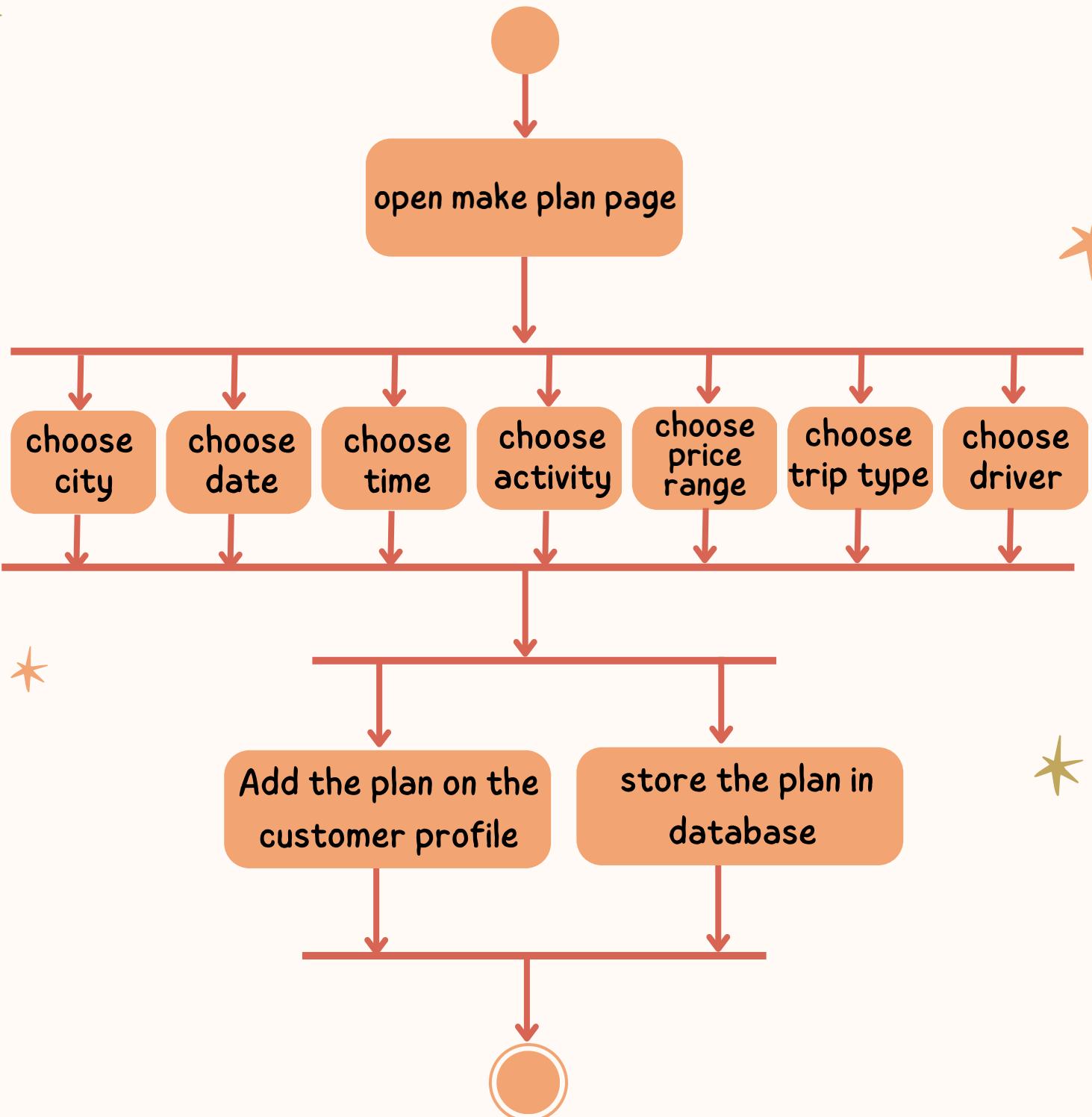
# sign in



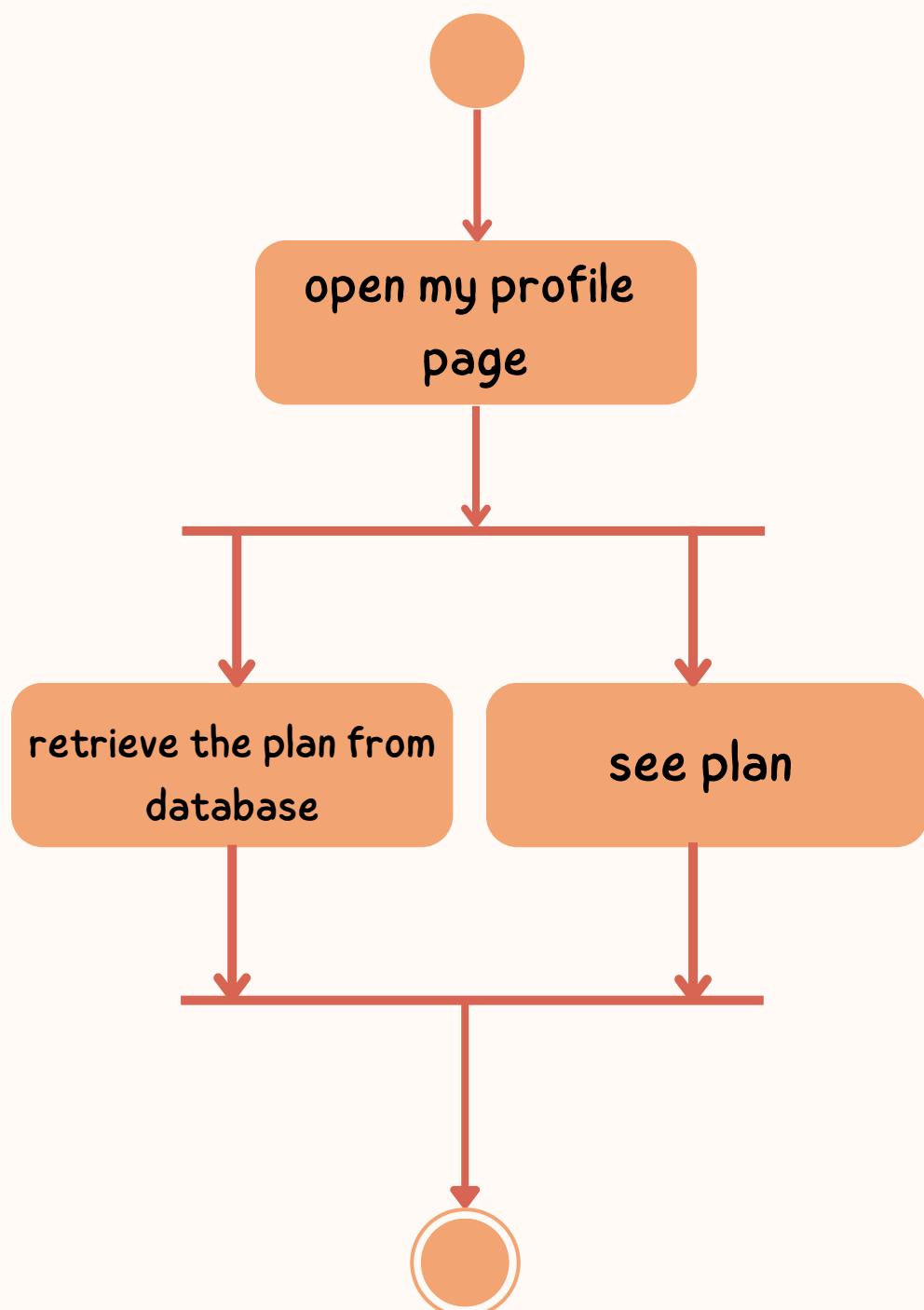
# choose a plan



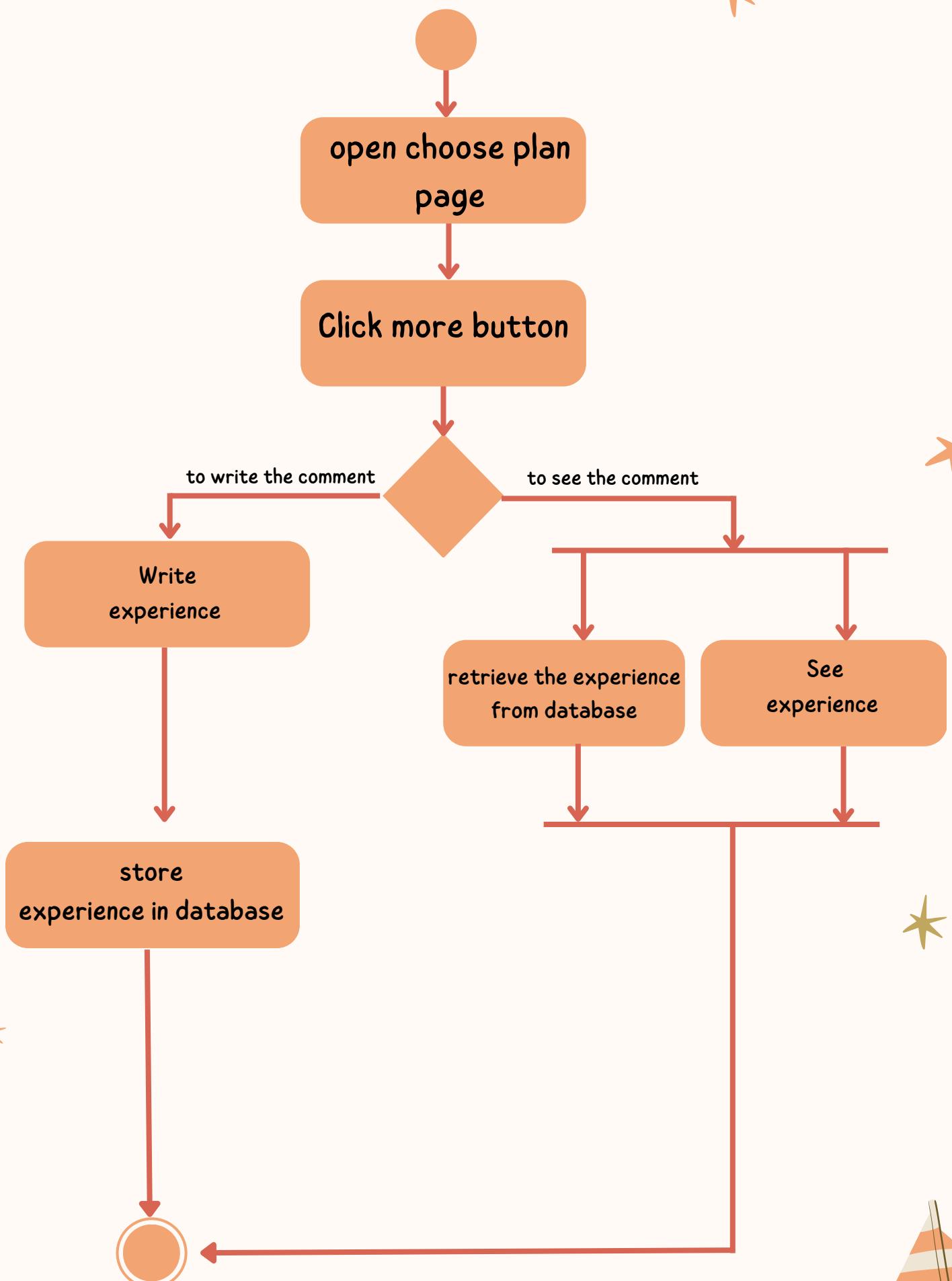
# make a plan



# see the plane



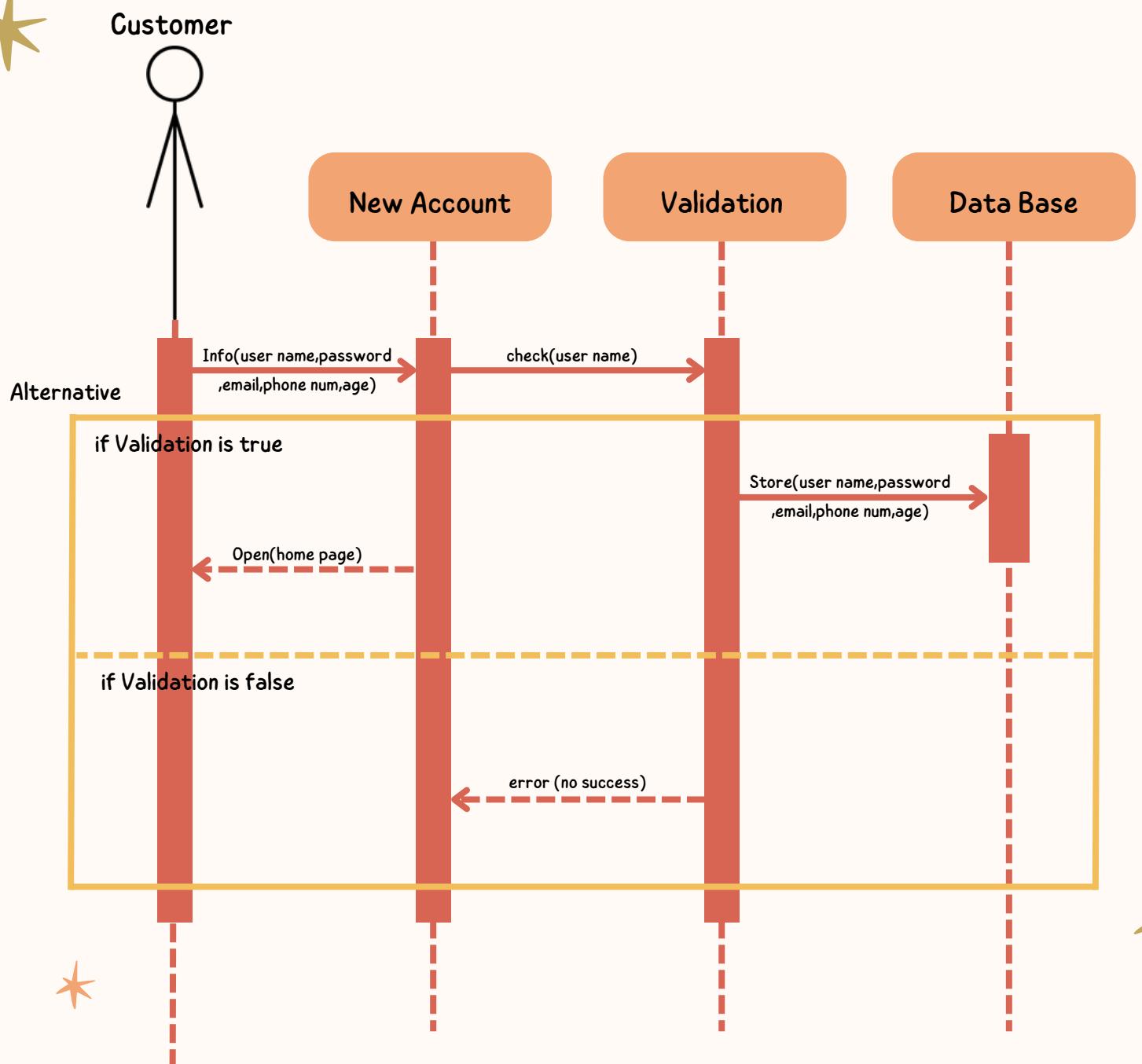
# Have experience



# Sequence Diagram

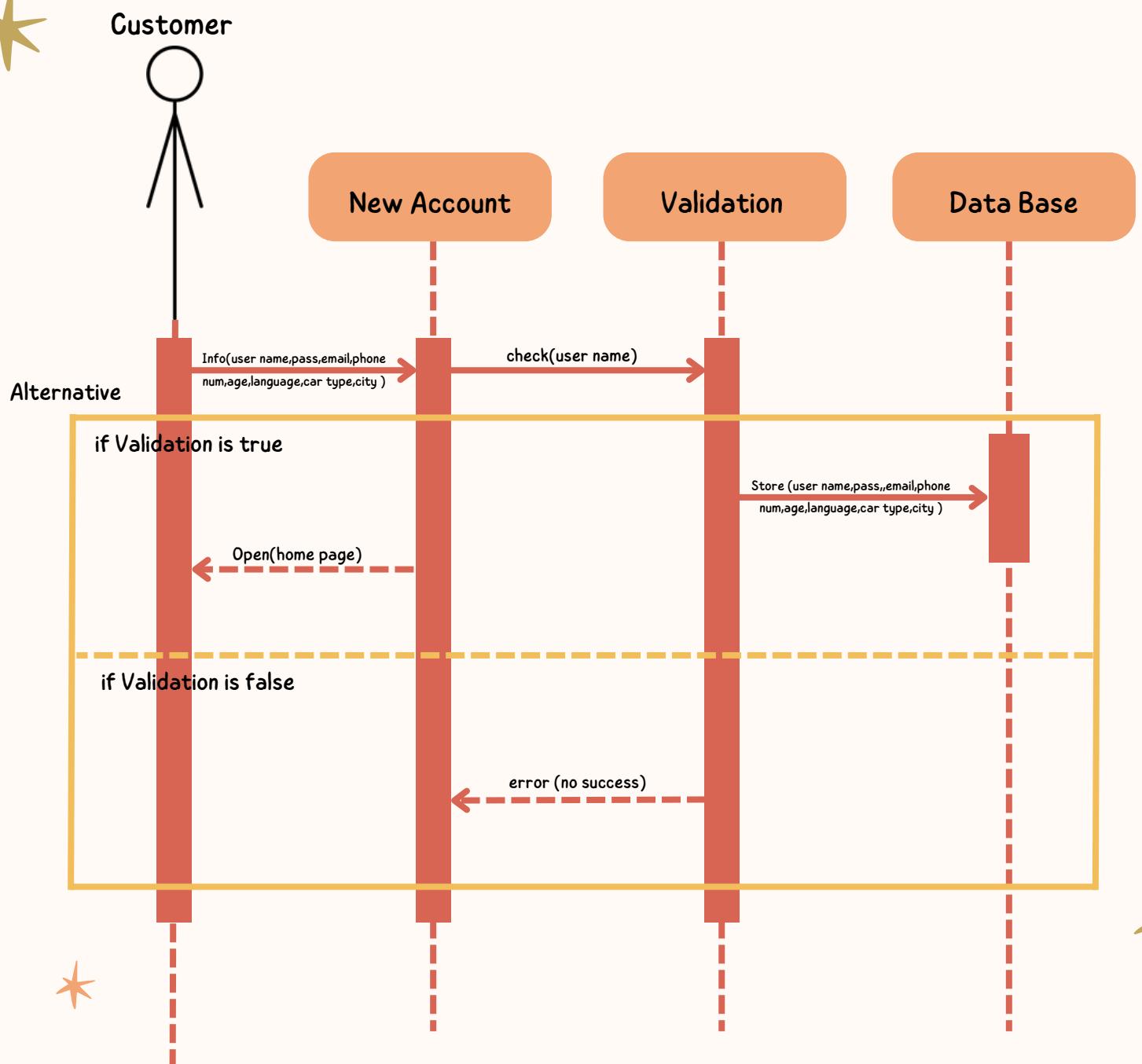
# Sign up

Customer



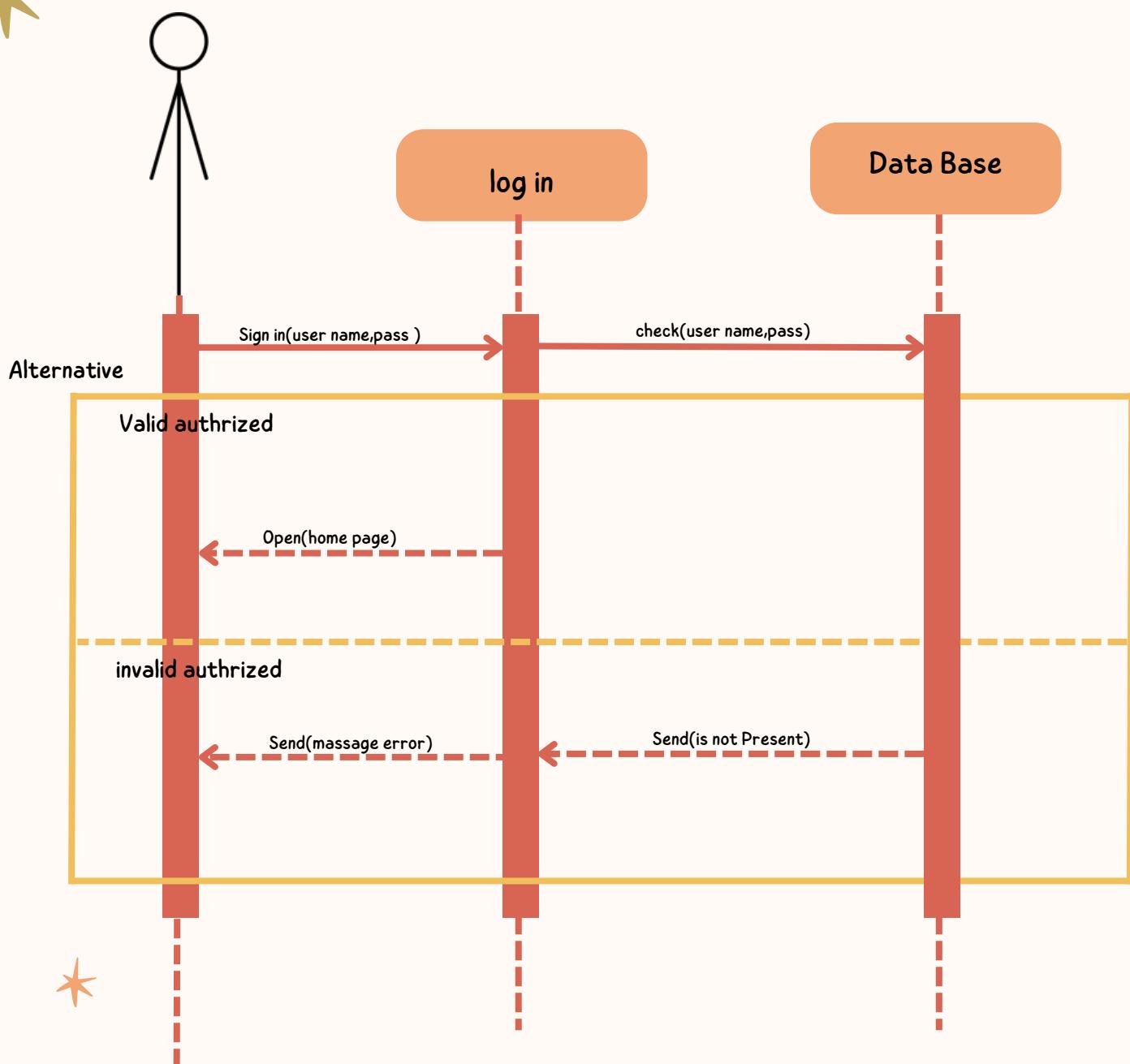
# Sign up

Driver

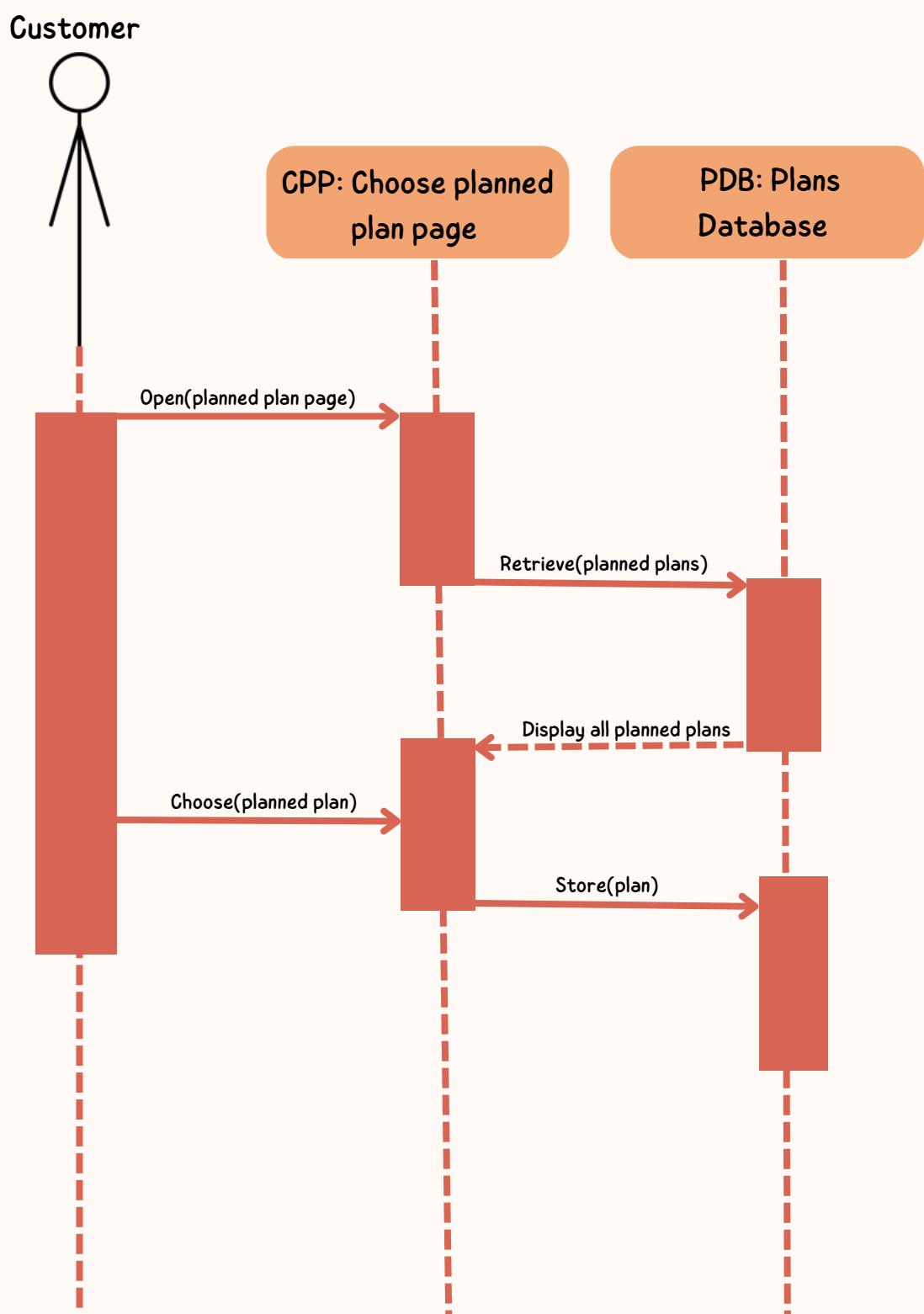


# Sign in

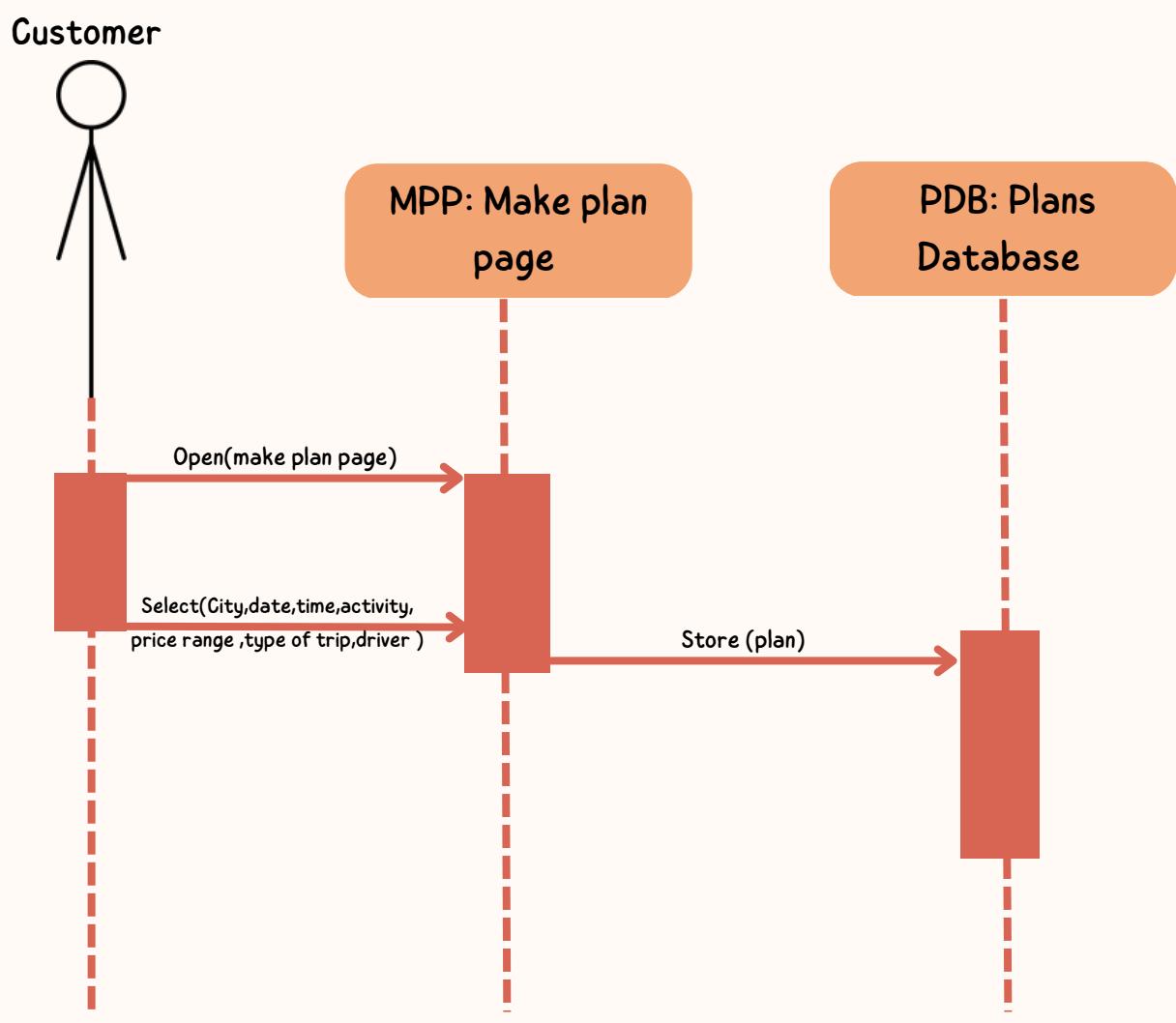
Customer, Driver



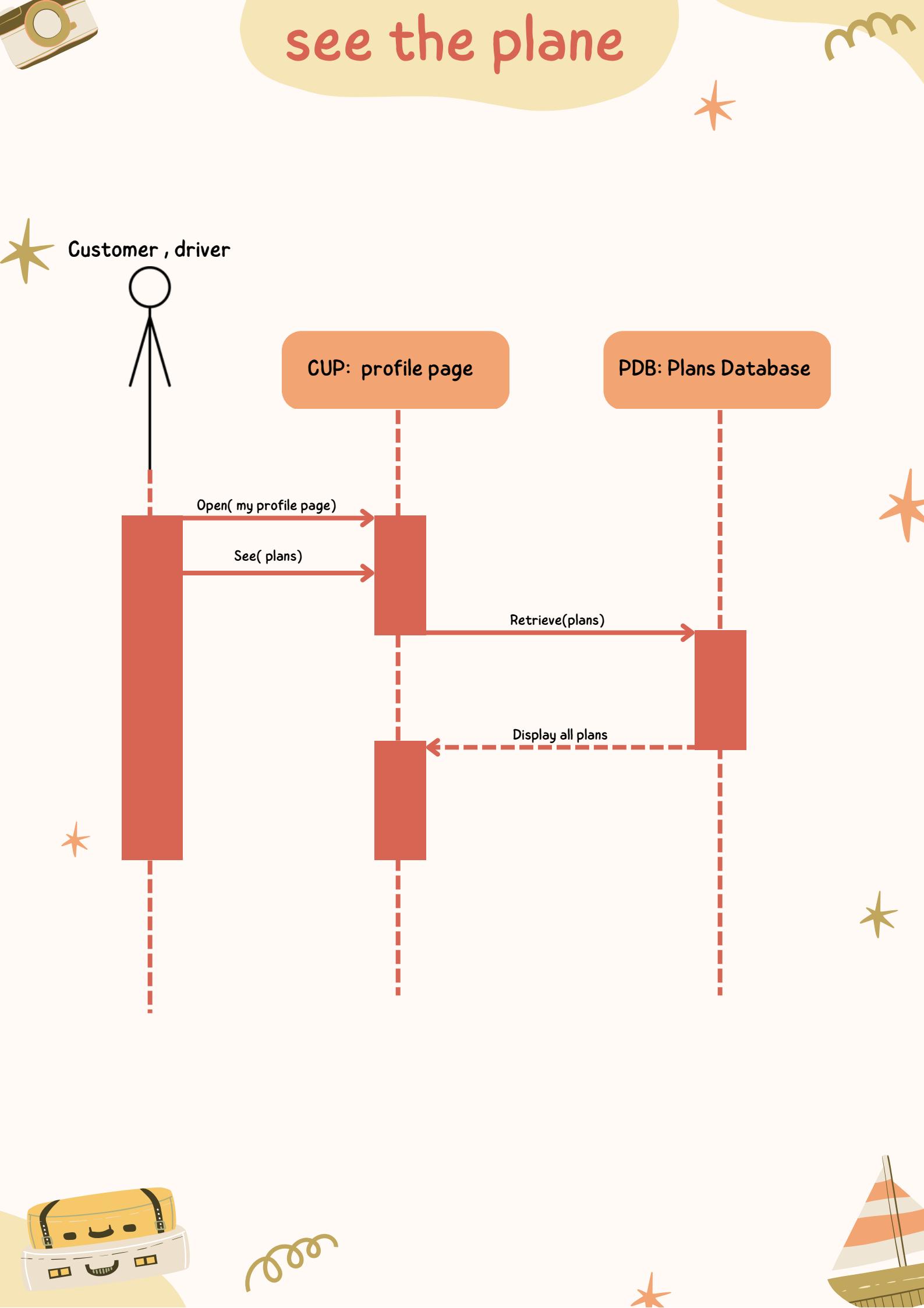
# Choose a plan



# Make a plan

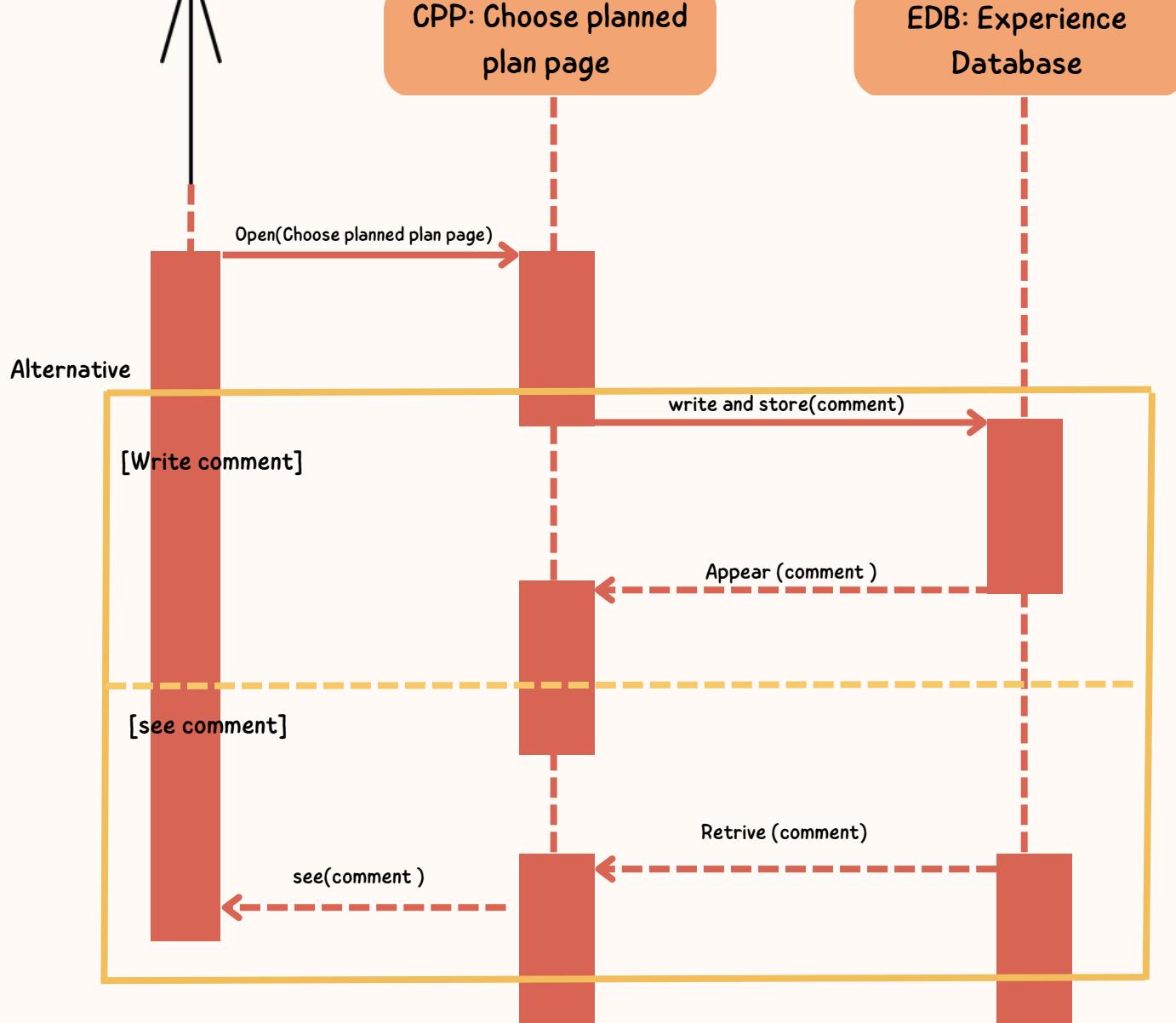


# see the plane



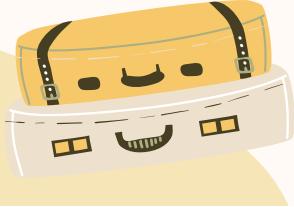
# Have experience

Customer





# Architectural design



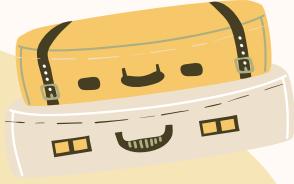


# MVC

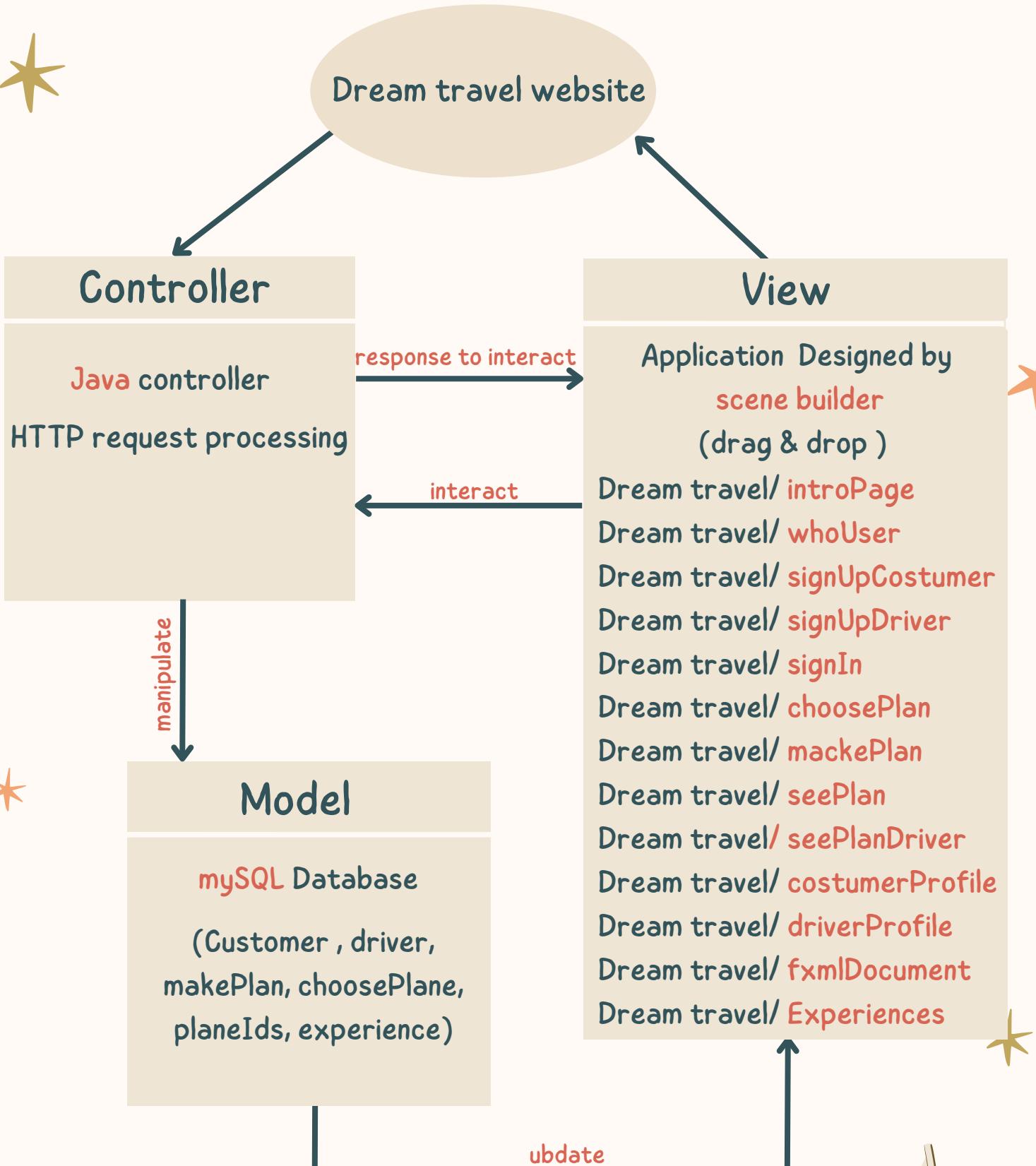


we choose **MVC** because it separate presentation (**View**) from domain business logic (**Model**) and (**Controller**) that changing state of model, view and provides support in routing communications to create our web-based application ,this separation facilitates the maintenance and evolution of systems and make the testability is very fast and flexible, as we can use any unit testing framework compatible with MVC framework.

the **MVC** is a complete framework. Most of the languages like Java, PHP, Python, C# use this pattern to develop the applications so, we will use java with MVC to implementation our web.



# MVC



# Interface design

# 1. User scenario

# Sign up

## Actor

Customer and Driver

## Description

- 1-Choose from two types of user ( Customer , Driver )
- 2- In the event that the user chooses the customer, he must enter the following data (user name - password - email - phone number - age)
- 3- In the event that the user chooses the Driver , he must enter the following data (user name - password - email - phone number - age - language- car type - city)
- 3-When entering data, the system will make sure that the username is available and not taken by another user
- 4- If the username is available, the account creation information will be stored in the data base and transferred to the home page
- 5-If the user name is not available, the user will see an error message, and the information will not be stored in the data base.

## Data

Customer information (user name - password - email - phone number - age)  
 Driver information (user name - password - email - phone number - age - language- car type - city)

## Pre-condition

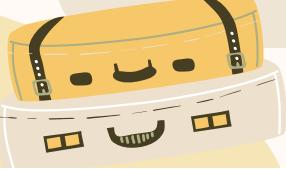
None

## Output

the account is created successfully

## Comment

None



# Sign in

## Actor

Customer and Driver

## Description

- 1- The user will enter the user name and password registered in the system
- 2- The system must verify the given user name is stored in the database or not. If the user name is not stored in the database, the system must inform the user of this by means of a message error
- 3- If the given user name matches the user name stored in the database, the system will check whether the given password is in the database or not.
- 4- If the password matches, the user will be allowed to log into the system and take it to the home page
- 5- If the password does not match, the system must inform the user of this by means of a message error

## Data

user Name and password

## Pre-condition

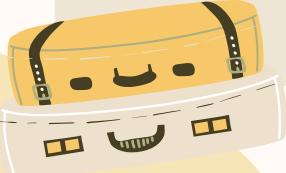
sign up

## Output

Sign in to the system successfully

## Comment

None



# Choose Plan

## Actor

Customer.

## Description

The customer will open the pre-existing plans page on the website, and all plans will be retrieved from the database and displayed to the user. Then the customer will browse the existing plans and choose the plan that suits him. The plan is stored in the database and appears in the customer's profile. Also, the customer can modify the plan and delete it from the profile at any time he wants.

## Data

Choose the appropriate plan

## Pre-condition

- The user must be signed in to the website
- Plans must be stored in advance in the database.

## Output

The chosen plan.

## Comment

If the user does not find any suitable plan for him, he can create his own plan from a "make a plan" service.

# Make Plan

## Actor

Customer

## Description

the customer will fill out a form that contains many questions that will specify exactly what the customer wants and will choose the city he wants to travel to, date, time, the activities that the customer is interested in price range he can afford and type of trip, if the customer wanted a driver, the customer will pick the driver from the list, and the system allows the customers to skip it If the customer does not want to choose a driver, after the customer make his plan the plan is stored in the database and appears in the user's profile so, he can modify and delete the plan from the profile.

## Data

City, date, time, activity, rang of price, driver.

## Pre-condition

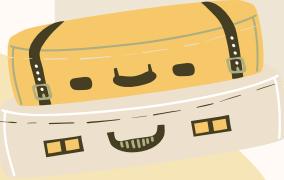
The user must be signed in to the website.

## Output

Customer's plan .

## Comment

None.



# See Plan

## Actor

Costumer and Driver

## Description

The customer or driver will open the profile page and select see plan.  
The plans will be retrieved from the database and presented to the customer or driver.

## Data

None

## Pre-condition

- The costumer and driver must be signed in to the website.
- The customer must have a plan.
- The driver must be included in the costumer plan

## Output

The plans will show

## Comment

None

# Have Experience

Actor

Customer

Description

The customer will open the choose plane page on the website, and when the customer click more button the comment will retrieved from the database and appear to the customer, the customer can write the comments and will be stored in the database.

Data

Comment

Pre-condition

- The user must be signed in to the website

Output

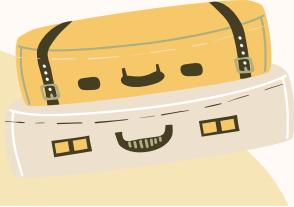
Customer' comment .

Comment

None.



## 2.Interface design “prototype”



# intro page

The advertisement features a scenic view of a tropical resort. In the background, a long, winding pier leads to a large, thatched-roof overwater bungalow situated in clear turquoise water. The foreground shows a white sandy beach with several palm trees and a swimming pool. A small inset image in the top left corner shows a similar overwater bungalow from a different angle. The text "Travel DREAM" is visible in the top left corner of the main image. The main headline reads "Get ready for your dream travel". Below it, a subtext encourages users to "Make your plan or choose a ready plan and enjoy a fun and attractive experience with the dream trip". At the bottom, there are two calls-to-action: a yellow button labeled "SIGN UP" and a link labeled "ALREADY HAVE AN ACCOUNT?".

Travel DREAM

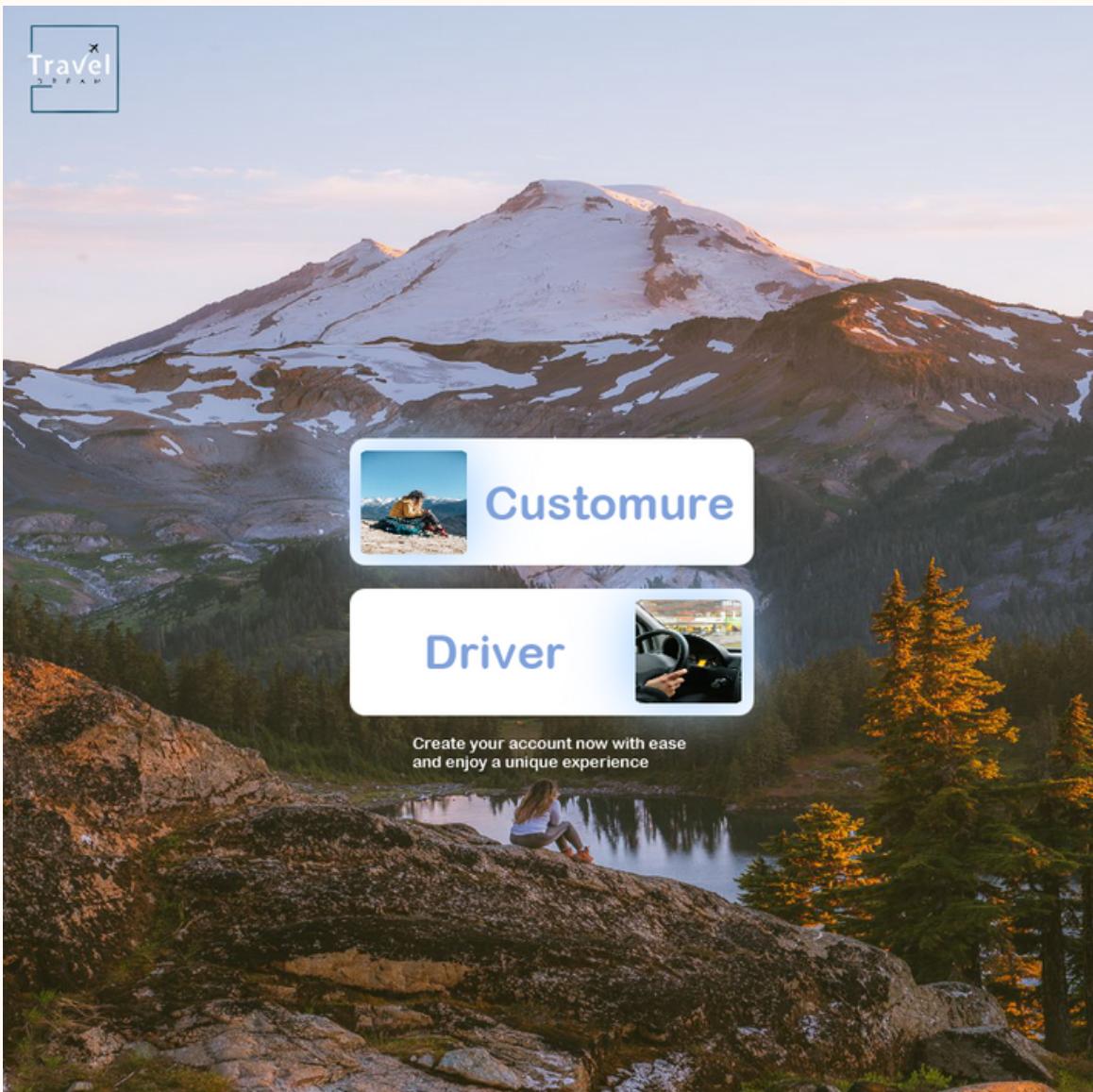
Get ready for your dream travel

Make your plan or choose a ready plan and enjoy a fun and attractive experience with the dream trip

SIGN UP

ALREADY HAVE AN ACCOUNT?

# who user



# Sign up

Customer



## Create an account

Please enter your info

User name

Password

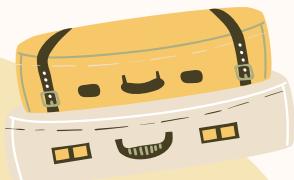
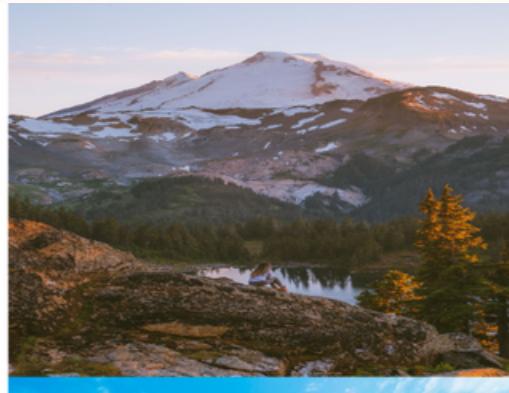
Email

Phone number

age

have an account ? [sign in](#)

[SIGN UP](#)





# Sign up

Driver



## Create an account

Please enter your info

User name

Password

Email

Phone number

age

Language

Car type

City

have an account ? [sign in](#)

**SIGN UP**



# Sign in



## Welcome back

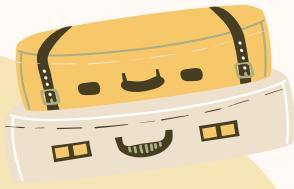
Please enter your info

User name

Password

Don't have an account ? [sign up](#)

**SIGN IN**





# plan your travel



## Plan your travel

Start the dreams travel, and enjoy the most beautiful moments



Make your trip according to your interests, you will choose several options to make your trip



Choose one of the ready-made plans for your trip, and enjoy a unique experience



# Choose Plan



## Choose your plan

choose your dreams travel, and enjoy the most beautiful moments



### Youth trip to Amman Adventure

Date: 10/2/2023 - 13/2/2023  
Time: the three days from 1:00 - 7:00 PM  
Price: 125 \$ - 140 \$  
Activities: Go to Ain Sahalnot and ride the boats

[ADD](#)[MORE](#)

### Family trip to Alula Exploring & Luxury

Date: 2/3/2023 - 7/3/2023  
Time: Explore archaeological sites start from 2:00 - 10:00 PM  
Price: 135 \$ - 145 \$  
Activities: Activities: Exploring archaeological sites, riding a balloon, and staying in luxury hotel

[ADD](#)[MORE](#)

### Youth trip to Egypt Exploring

Date: 6/5/2023 - 7/5/2023  
Time: the two days from 2:00 - 8:00 PM  
Price: 100 \$ - 120 \$  
Activities: Exploring the pyramids, riding camels and watching the sunset

[ADD](#)[MORE](#)

### Honymoon trip to Switzerland Nature

Date: 15/4/2023 - 20/4/2023  
Time: Cable car ride the first two days from 12:00 - 2:00 PM  
Price: 115 \$ - 130 \$  
Activities: Stay in the cottage, enjoy the scenery, and ride the cable car

[ADD](#)[MORE](#)

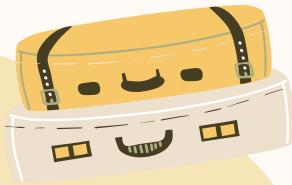
### Family trip to Morocco Experience

Date: 1/10/2023 - 7/10/2023  
Time: Visit the city of Chefchaouen in the last three days from 9:00 AM  
Price: 100 \$ - 125 \$  
Activities: Experience living like natives and visiting the amazing city of Chefchaouen

[ADD](#)[MORE](#)

### Honymoon trip to Japan Relax

Date: 5/3/2023 - 10/3/2023  
Time: Day 5-6-7 in Tokyo, then we move at 10 PM to Hiroshima  
Price: 135 \$ - 150 \$  
Activities: Enjoying and relaxing the sakura season in two different areas in Japan, Tokyo and Hiroshima

[ADD](#)[MORE](#)

# Choose Plan & Experiences

When customer clicks on more button more information about the plan will appear.

Also customer can see or write his experience



## Alula plan

On this trip, you are promised six days full of excitement and luxury.

Starting from staying in the most luxurious hotels with a new experience amidst monuments and wonderful service.

To various activities such as riding balloons, watching the stunning views of balloons in the sky, riding camels or horses at sunset, as well as enjoying discovering wonderful monuments and learning about ancient civilizations.

And we end the enchanting nights with a barbecue party in a peaceful atmosphere.

You will also see the best views, which are the famous Al-Ula mirrors.

This plan is suitable for families, friends, or even alone.

SARA 3 days ago  
One of the most beautiful experiences of my life is learning the art of #graffiti with the artist @elseed In Al-Jadidah neighborhood in Al-Ula

ALI 6 days ago  
The beauty of nature, calm and clear atmosphere

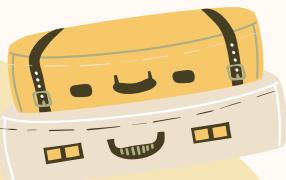
LAMA 45 days ago  
Because it is high.. The legacy is heavy.. The dream is authentic.. The determination is great



Add a comment



BACK



# make Plan



## Make your plane

make your dreams travel, and enjoy the most beautiful moments

City

Activities

Price Range

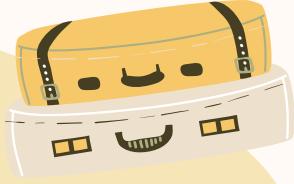
Type Of Trip

Driver

Date

Time

MAKE



# Customer profile



alaa

Email

alaa@gmail.com

phone number

+966512345678

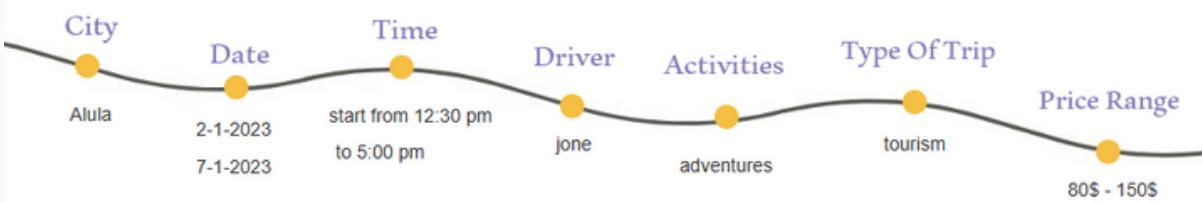
My Plans

Logout

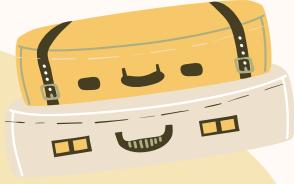


# See Plan

Customer



Back



# Driver profile





deved

Email

deved@gmail.com

phone number

+9665789654123

See Plans

Logout

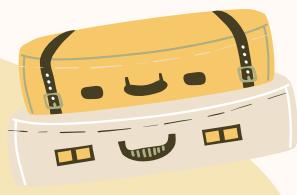


# See Plan

Driver



Back



# Windows Navigation Diagram (WND)



## INTRO PAGE

SignUp button

Already have account link

## WHO USER PAGE

driver button

customer button

## SIGN UP "DRIVER"

SignUp button

## DRIVER PROFILE

see plan  
button

## SEE PLAN

choose plan  
button

## CHOOSE PLAN

more button

## EXPERIENCE PAGE

Sign in button

Sign in button

## SIGN UP "CUSTOMER"

SignUp button

## HOME PAGE

make plan  
button

## MAKE PLAN

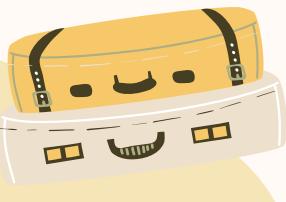
profile  
button

profile  
button

## CUSTOMER PROFILE

see plan  
button

## SEE PLAN



# Testing



# cases test for experience

By Sara



The first test case: In the event that the user did not enter an comment

```

private void check() throws IOException{
    Main m = new Main();
    if((title.getText()).isEmpty()){
        Horn.setText("Please enter your comment");
    }
    else if((title.getText()).length() <= 40){
        Horn.setText("Success!");
    }
    else if((title.getText()).length()>40){
        Horn.setText("Character count exceeds 40!");
    }
}

```

The second test case: In the event that the user entered a comment within the limits of the number of characters allowed

```

private void check() throws IOException{
    Main m = new Main();
    if((title.getText()).isEmpty()){
        Horn.setText("Please enter your comment");
    }
    else if((title.getText()).length() <= 40){
        Horn.setText("Success!");
    }
    else if((title.getText()).length()>40){
        Horn.setText("Character count exceeds 40!");
    }
}

```

The third test case: In the event that the user entered a comment that exceeds the limits of the number of characters allowed

```

private void check() throws IOException{
    Main m = new Main();
    if((title.getText()).isEmpty()){
        Horn.setText("Please enter your comment");
    }
    else if((title.getText()).length() <= 40){
        Horn.setText("Success!");
    }
    else if((title.getText()).length()>40){
        Horn.setText("Character count exceeds 40!");
    }
}

```



# Make plan

By Alaa

## Code:

```
201     int flag=0;
202     @FXML
203     void make(ActionEvent event) throws IOException {
204         //*****
205
206         Session session0 = NewHibernateUtil.getSessionFactory().openSession();
207         plansTabel plan=new plansTabel();
208
209         //1 retrave from DB
210         session0.beginTransaction();
211         List<plansTabel> sList = null;
212         String queryStr = "from plansTabel";
213         Query query = session0.createQuery(queryStr);
214         sList = query.list();
215         session0.getTransaction().commit();
216         session0.close();
217
218
219         for(plansTabel i:sList){
220             //Case study three
221             if(i.getCity()==city&&i.getDate()==date&&i.getDriver()==driver) {
222                 massagLabel.setText("Sorry the driver has been booked!!!!");
223                 flag=1;
224             }
225         }
226     }
227     //Case study one
228     if(city!=" " &&acti!=" " &&date!=" " &&driver!=" " &&price!=" " &&time!=" ")
229     {
230         Session session = NewHibernateUtil.getSessionFactory().openSession();
231         session.beginTransaction();
232         plan.setPlanId(costumer);
233         plan.setCity(city);
234         plan.setActivities(acti);
235         plan.setDate(date);
236         plan.setDriver(driver);
237         plan.setPriceRange(price);
238         plan.setTime(time);
239         plan.setTypeOfTrip(trip);
240         session.save(plan);
241         session.getTransaction().commit();
242         session.close();
243         massagLabel.setText("Making the plan successful");
244     }
245
246     //Case study two
247     else if(city==" " ||acti==" " ||date==" " ||driver==" " ||price==" " ||time==" ")
248         massagLabel.setText("There is an empty field!!!!");
249     }
```

## Database:

planId	city	activities	PriceRange	typeOfTrip	driver	date	time
1472	America	sports	150\$-200\$	family	Non	21-T-T	9am-11am
2647	Dubai	relaxation	250\$-300\$	honeymoon	Deved	01-T-T	12pm-2pm
2649	Korea	relaxation	350\$-400\$	youth	Ilan	22-T-T	5pm-7pm





# Make plan

By Alaa



**Make your plane**  
make your dreams travel, and enjoy the most beautiful moments

City: Dubai  
Activities: sports  
Price Range: 150\$-200\$  
Type Of Trip: family  
Driver: Deved

Date: 01/01/2023 Time: 9am-11am

**MAKE**

Making the plan successful

## Test case one:

If the costumer completed all fields correctly then "Making the plan successful" message will appear

```
//Case study one
if(city!=" " & acti!=" " & date!=" " & driver!=" " & price!=" " & time!=" ")
{
Session session = NewHibernateUtil.getSessionFactory().openSession();
session.beginTransaction();
plan.setPlanId(costumer);
plan.setCity(city);
plan.setActivities(acti);
plan.setDate(date);
plan.setDriver(driver);
plan.setPriceRange(price);
plan.setTime(time);
plan.setTypeOfTrip(trip);
session.save(plan);
session.getTransaction().commit();
session.close();
massagLabel.setText("Making the plan successful");
}
```

## Test case two:

If the costumer does not completed all fields then "There is an empty field!!!!" message will appear

```
//Case study two
else if(city==" " || acti==" " || date==" " || driver==" " || price==" " || time==" ")
{
massagLabel.setText("There is an empty field!!!!");
}
```

**Make your plane**  
make your dreams travel, and enjoy the most beautiful moments

City: Korea  
Activities: relaxation  
Price Range: 250\$-300\$  
Type Of Trip:  
Driver: Alin

Date: 25/01/2023 Time: 12pm-2pm

**MAKE**

There is an empty field!!!

## Test case three:

If the user has selected a driver who has just been booked, then "Sorry the driver has been booked!!!!" message will appear

```
//1 retrave from DB
session0.beginTransaction();
List<plansTabel> sList = null;
String queryStr = "from plansTabel";
Query query = session0.createQuery(queryStr);
sList = query.list();
session0.getTransaction().commit();
session0.close();

for(plansTabel i:sList){
//Case study three
if(i.getCity()==city&&i.getDate()==date&&i.getDriver()==driver){
massagLabel.setText("Sorry the driver has been booked!!!!");
flag=1;
}
}
```

**Make your plane**  
make your dreams travel, and enjoy the most beautiful moments

City: Dubai  
Activities: adventures  
Price Range: 150\$-200\$  
Type Of Trip: honeymoon  
Driver: Deved

Date: 01/01/2023 Time: 3pm-4pm

**MAKE**

Sorry the driver has been booked!!!!

# Sign Up By Revan "Customer"

## HTML Code:

```
<body>
    <div class="container">
        <div class = "inner">
            <div class="inner-inner">
                <div class="inner-inner-one">

                    <h3>&star; Create Account &star;</h3>
                    <br><br>
                    <form name="myform" onSubmit = "return checkForm(this)" >

                        <input class="username" name= "username" type="text" id="username" placeholder="Username" required />
                    <br><br>
                        <input class="password" type="password" id="psw" name="psw" placeholder="password"/>
                    <br><br>

                        <input class="email" name= "email" id="email" placeholder="Email"/>
                    <br><br>
                        <input class="phnum" id="phnum" name="phnum" placeholder="Phone Number"/>
                    <br><br>
                        <input class="age" type="Number" id="age" name="age" placeholder="Age" />

                    <br><br><br><br>
                        <button class="button button5" > Sign Me Up</button>

                    </form>
                </div></div></div>
            </div>
        </body>
    </html>
```

## JS Code:

```
<script>
    // Function to check Whether both passwords is same or not.
    function checkForm(myform) {
        password1 = myform.psw.value;

        var agee=document.myform.age.value;

        var ph = document.getElementById("phnum").value;

        // If password not entered
        if (password1 == ''){
            alert ("Please enter Password!");
        }
        //If the email id incorrect
        else if (!email.value.match(/^[A-Za-z\._\-\0-9]*[@][A-Za-z]*[\.][a-z]{2,4}$/)){
            alert("Please enter correct email id!");
            document.myform.email.focus();
            return false;
        }
        //If age not greater than or equal 18
        else if (!( agee >= 18 )) {
            alert("You must be 18 or older!");
            return false;
        }
        // If the user entered letters
        else if(isNaN(ph)){
            alert("Enter Only Numbers!");
            return false;
        }
        //Phone number must be 10 digit
        else if(ph.length > 10){
            alert("Your phone number must be 10 digit!");
            return false;
        }
        //Phone number must be 10 digit
        else if(ph.length < 10){
            alert("Your phone number must be 10 digit!");
            return false;
        }
        else{
            alert("Welcome to Travel Dream <3");
            return true;
        }
    }
</script>
</body>
```

# Sign Up By Revan

## "Customer"



This page says  
Please enter correct email id!

**OK**

Travel

★ Create Account ★

Revan

\*\*\*\*\*

revan.com

0503355432

21

Sign Me Up

This page says  
Please enter correct email id!

**OK**

Travel

★ Create Account ★

Revan

\*\*\*\*\*

revan@gmailcom

0503355432

21

Sign Me Up

### Test case one:

If the customer enters an Email Id without @ or . , the alert will appear to him "Please enter correct email id!".

```
//If the email id incorrect
else if (!email.value.match(/^[A-Za-z\._\-\-0-9]*@[A-Za-z]*[\.][a-z]{2,4}$/)){
    alert("Please enter correct email id!");
    document.myform.email.focus();
    return false;
}
```

This page says  
You must be 18 or older!

**OK**

Travel

★ Create Account ★

Revan

\*\*\*\*\*

revan@gmail.com

0501234567

15

Sign Me Up

### Test case two:

If the customer enters his age less than 18, the alert will appear to him "Your age must be 18 or older!".

```
//If age not greater than or equal 18
else if (!(agee >= 18)){
    alert("You must be 18 or older!");
    return false;
}
```

This page says  
Enter Only Numbers!

**OK**

Travel

★ Create Account ★

Revan

\*\*\*\*\*

revan@gmail.com

dfhdhf

22

Sign Me Up

### Test case three:

If the customer enters letters in the phone number, the alert will appear to him "Enter Only Numbers!".

```
// If the user entered letters
else if(isNaN(ph)){
    alert("Enter Only Numbers!");
    return false;
}
```





# Sign Up "Driver"



**Code:**

```
Session session = NewHibernateUtil.getSessionFactory().openSession();
    boolean flag=false;
    String name= namtTextBox.getText();

    driverTables driver=new driverTables();

    //test case1, the username has already selected
    session.beginTransaction();
    List<driverTables> sList = null;
    String queryStr = "from driverTables";
    Query query = session.createQuery(queryStr);
    sList = query.list();
    session.getTransaction().commit();
    for(driverTables i:sList) {

        if(name.equals(i.getUserName())){
            errorLabel.setText("the username has already selected");
            flag=true;
        }
    }

    // test case 2 ,if user name and password is equal
    if(name.equals(passTextBox.getText())){
        errorLabel.setText("unacceptable, the username and password is the same");
        flag=true;
    }

    // test case 3 , if the user name contains a space
    for (int i = 0; i < name.length(); i++) {
        if(name.charAt(i)==' '){
            errorLabel.setText("unacceptable, the username must not include spaces");
            flag=true;
        }
    }

    if(flag==false){
        session.beginTransaction();
        driver.setUserName(namtTextBox.getText());
        driver.setPassword(passTextBox.getText());
        driver.setEmail(emailTextBox.getText());
        driver.setPhoneNumber(phoneTextBox.getText());
        driver.setAge(ageTextBox.getText());
        driver.setLanguage(langTextBox.getText());
        driver.setCarType(carTextBox.getText());
        driver.setCity(cityTextBox.getText());
        session.save(driver);
        session.getTransaction().commit();
        session.close();
    }

}

/* if(!textName.getText().equals("") && !textPass.getText().equals(""))
   if (!i.getUsername().equals(textName.getText())) */
```

## Database:

Result Grid		Filter Rows:			Edit:	Export/Import:	Wrap Cell Content:	
	UserName	Password	Email	PhoneNumber	age	Language	CarType	City
▶	david	12345678	david@hotmail.com	+966587496258	35	English	bentleymotors	Riyadh
	mohamed	456789	mohamed@hotmail...	+966589523647	32	English	toyta	jeddah
	Rashad	55555648	Rashad@hotmail.c...	+966532145698	30	English	toyta	Abha
*	HULL	NULL	NULL	HULL	NULL	NULL	NULL	HULL



# Sign Up "Driver" By safaa



**Create an account**

User name	david
Password	789789
Email	david@hotmail.com
Phone number	+966598746314
age	40
Language	English
Car type	toyota
City	jeddah

have an account? [sign in](#)

**SIGN UP**

the username has already selected

## Test case one:

If the driver entered the username that was used before, then "the username has already selected" message will appear

```
boolean flag=false;
String name= namtTextBox.getText();

driverTables driver=new driverTables();

//test case1, the username has already selected
session.beginTransaction();
List<driverTables> sList = null;
String queryStr = "from driverTables";
Query query = session.createQuery(queryStr);
sList = query.list();
session.getTransaction().commit();
for(driverTables i:sList){}

if(name.equals(i.getUserName())){
    errorLabel.setText("the username has already selected");
    flag=true;
}
```

**Create an account**

User name	Ali
Password	Ali
Email	Ali@hotmail.com
Phone number	+96645897423
age	28
Language	English
Car type	toyota
City	jeddah

have an account? [sign in](#)

**SIGN UP**

unacceptable, the username and password is the same

## Test case two:

If the driver entered the username and password are the same as each other then "unacceptable, the username and password is the same" message will appear

```
if(name.equals(passTextBox.getText())){
    errorLabel.setText("unacceptable, the username and password is the same");
    flag=true;
}
```

**Create an account**

User name	Mohamed Ahmad
Password	258369
Email	Mohamed @hotmail.com
Phone number	+966456987123
age	36
Language	English
Car type	toyota
City	maddinah

have an account? [sign in](#)

**SIGN UP**

unacceptable, the username must not include spaces

## Test case three:

If the driver entered a username containing a space, then "unacceptable, the username must not include spaces" message will appear

```
for (int i = 0; i < name.length(); i++) {
    if(name.charAt(i)==' '){
        errorLabel.setText("unacceptable, the username must not include spaces");
        flag=true;
    }
}
```



# Sign In

By Shahad



## Code:

```
<!DOCTYPE html>
<html><head>

    <link rel="stylesheet" href="styleee.css">
    <link href="https://fonts.googleapis.com/css2?family=El+Messiri:wght@500;600&display=swap" rel="stylesheet">
    <script type="text/javascript" src="SS.js"></script>

    <title>Sign in</title>

</head>
<body>
    
    <section>
        <form class="form">
            <label for="username">username</label>
            <input type="text" id="username" autocomplete="off">
            <label for="password"> password</label>
            <input type="password" id="password" autocomplete="off">
            <button onclick="login_1()">Sign in</button>
        </form>
    </section>
</body></html>
```

```
function login_1() {
    var username = document.getElementById("username").value;
    var pwd = document.getElementById("password").value;

    if (username == "") {
        alert("Please enter the username");
    }else if (pwd == "") {
        alert("Please enter the Password");
    } else if (document.getElementById("password").value.length < 6) {
        alert("Password minimum length is 6");
    } else {
        alert("Welcome to Travel Dream");
        window.open("index.html");
    }
}
```





# Sign In

By Shahad



Please enter the username ↗  
موافق

Please enter the Password ↗  
موافق

Travel DREAM

username  
password

Sign in

## Test case one:

If the user presses the Sign in button and does not enter the username, a message "Please enter the username" will appear, or if he does not enter a password, a message "Please enter the password" will appear.

```
if (username == "") {  
    alert("Please enter the username");  
} else if (pwd == "") {  
    alert("Please enter the Password");  
} else if (document.getElementById("password").value.length < 6) {  
    alert("Password minimum length is 6");  
} else {  
    window.open("index.html");  
}
```

>Password minimum length is 6 ↗  
موافق

Travel DREAM

username  
shahad

password  
...

Sign in

## Test case two:

If the user enters a password and its minimum length is less than 6, the message "Minimum password length is 6" will appear.

```
} else if (document.getElementById("password").value.length < 6) {  
    alert("Password minimum length is 6");  
} else {  
    window.open("index.html");  
}
```

Welcome to Travel Dream ↗  
موافق

Travel DREAM

username  
shahad

password  
.....

Sign in

## Test case three:

If the user entered everything correctly and did not forget anything, the message "Welcome to Travel Dream" will appear.

```
} else {  
    alert("Welcome to Travel Dream");  
    window.open("index.html");  
}
```



**THANK YOU**

