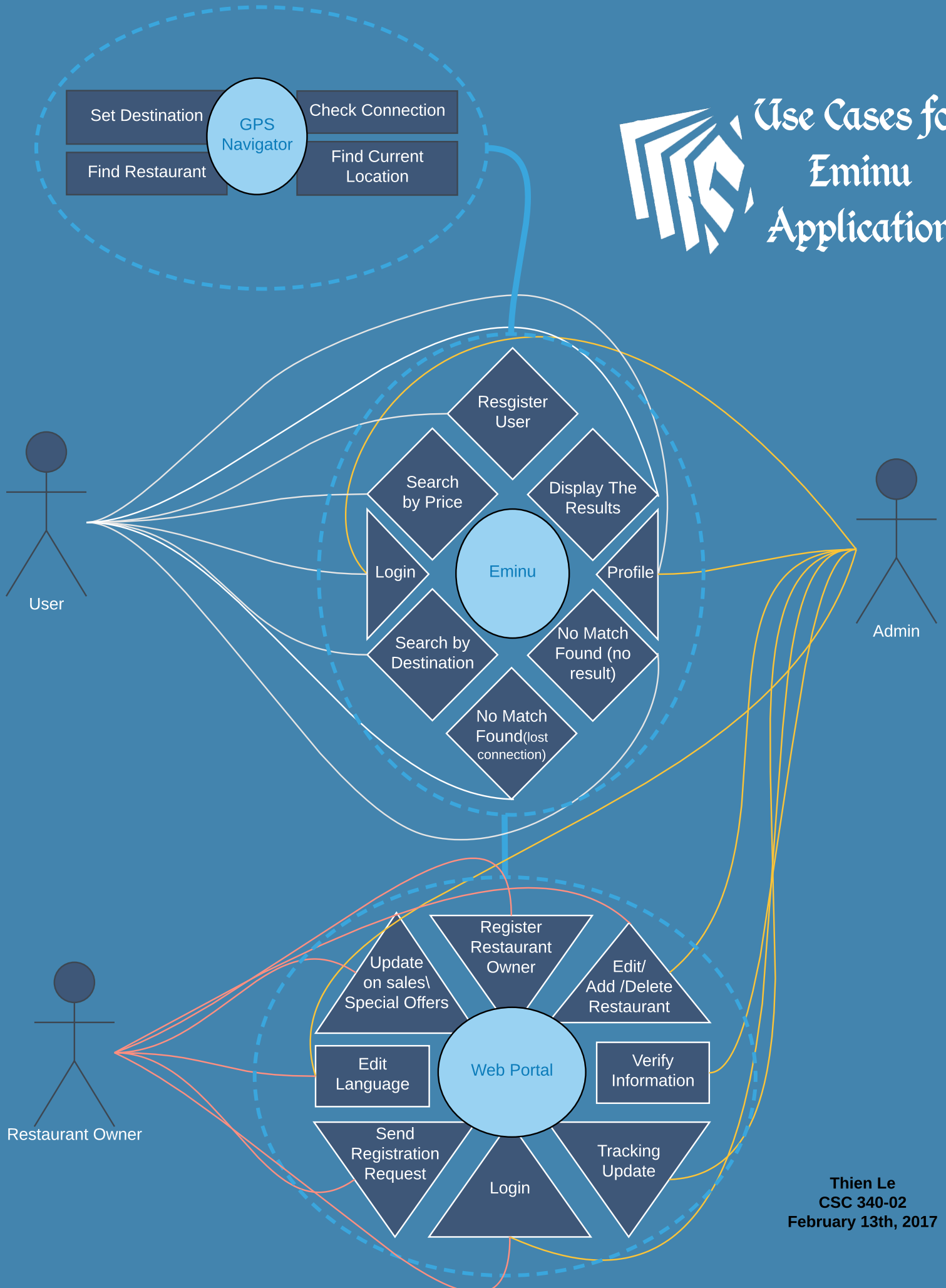


Use Cases for Eminu Application



Use Cases for:

USER(1-8)

USE CASE 1: User Registration

Goal:

Allows user to register for the Eminua application

Precondition:

User needs to install the application before this use case.

Steps:

- The user needs to provide first and last name with their phone number to be contacted if needed.
- User then clicks next to provide username, password and email address.

Postcondition:

The application will add the new registered user to the database.

USE CASE 2: User Login

Goal:

Allows user to login and access the application.

Precondition: Given user already registered.

Steps:

- Open Eminu
- Enter the following prompts (Username and Password)
- The system checks the database to verify the user.
- If user already logged in last time, system can auto login.

Postcondition:

- Verify the user successfully, prompt the user to the home screen.

USE CASE 3: Search by Price

Goal:

Allows user to search for restaurant.

Precondition:

Assumes user is logged into the mobile application.

Steps:

- After logging, the first page will prompt the user with a search bar.
- The application gives user search option(the price range).
- The application checks the database and the GPS navigator to give the best result based off the user input.

Postcondition:

- Allows user to see the restaurant's description and option to use the phone's GPS navigator for directions.

USE CASE 4: Displaying Results

Goal:

Allows user to filter results in a map or list

Precondition:

Assumes user searched for the desired restaurant already.

Steps:

- The application displays all the results
- User has the option to switch back and forth between map and list.
- Within the results, user can also increase or decrease the search distances and the zoom function.

Postcondition:

- Saves the user filtered setting.

USE CASE 5: Search by Destination

Goal:

Allows user to search for restaurant.

Precondition:

Assumes user is logged into the mobile application.

Steps:

- After logging, first page prompts the user with a search bar.
- Gives user with search option(the destination distance).
- The application checks the database and the GPS navigator to give the best result based off the user input.

Postcondition:

- Allows user to see the restaurant's description and option to use the phone's gps navigator for directions.

USE CASE 6: No Match Found(no connection)

Goal:

Handles the No Match Found

Precondition:

Assumes user already put in the desire inputs.

Steps:

- User clicks the 'search' button.
- Emini checks for cellular connection.
- Attempts to reach the database to retrieve the results.
- Emini will send back a flag for no internet connection

Postcondition:

- Prompts user back to the homepage.

USE CASE 7: No Match Found(no result)

Goal:

Handles the No Match Found.

Precondition:

Assumes user already put in the desire inputs.

Steps:

- User clicks the 'search' button.
- Emini checks for cellular connection.
- Attempt to reach the database to retrieve the results.
- Emini sends back a flag for results
- Displays the reason to no results

Postcondition:

- Prompts user back to the homepage.

USE CASE 8: Manage Profile

Goal:

Allows user to have a profile page on the Eminu.

Precondition:

Assumes user already register as a user for the application.

Steps:

- User clicks on the top-right of the homepage of Eminu to access the setting.
- User clicks manage profile under setting to access the profile edit option.
- User allows to edit his/her information:
 - Password
 - E-mail address
 - Phone number
 - Profile picture
 - Favorite restaurants.
- Clicks 'Save' to finish.

Postcondition:

- Save any changes that user made.

Use Cases for:

RESTAURANT OWNER(9-10)

USE CASE 9: Register Restaurant

Goal:

Allows new restaurant owner to register to the web portal.

Precondition:

Assumes the person who is register is a legitimate restaurant owner.

Steps:

- Restaurant owner access the portal through the use of a web browser.
- Click the register button under the ‘Forgot username or password’.
- Restaurant owner then need to fills out the following information:
 - Username and password.
 - E-mail address.
 - Phone number.
 - The restaurant name and the address of it.
- Verify the email address by clicking the link that was sent to given email address.

Postconditions:

- Add and save all the information to the database.
- Admin will then that to verify the information and proceed the restaurant owner through the verification process.

USE CASE 10: Add/Delete/Edit Restaurant

Goal:

Allows restaurant owner to adjust the information about his/her restaurant.

Precondition:

Assumes the restaurant owner is a verified customer and logged in to the web.

Steps:

- Click on the profile in the top left to access the 'Restaurant Management'.
- Add Section
 - Click on the Add option
 - Restaurant owner have option to add:
 - new items to the menus(the name, price, description of the dish and a picture).
 - Picture of the restaurants.
 - Job application.
 - Restaurant mobile phone.
 - Restaurant address.
 - Type of Restaurant.
 - Click 'Save' to finish.
- Delete Section
 - Click on the Delete option
 - Restaurant owner have option to delete:
 - Items on the menus.
 - Picture of the restaurants.
 - Job application.
 - Restaurant mobile phone.
 - Restaurant address.
 - Type of Restaurant.
 - Click 'Save' to finish.
- Edit Section

- Click on the Edit option
- Restaurant owner have option to edit:
 - Items on the menus.
 - Picture of the restaurants.
 - Job application.
 - Restaurant mobile phone.
 - Restaurant address.
 - Type of Restaurant.
- Click 'Save' to finish.

Postcondition:

- Saves all the newly changed information into the database.

Use Cases for:

ADMIN(11-12)

USE CASE 11(Edge case): The domain host has crashed(web-portal)

Goal:

Resolves the issue of unresponsive domain host.

Precondition:

Assumes that the domain hosting feed has been paid.

Steps:

- Backup all the users and restaurant owners information to MySQL database.
- Contact the main host for any information about the situation.
- Report to the users and restaurant owners about the domain host problem through email.

Postcondition:

- User and restaurant owners information remain saved into the database while the domain host try to resolve the problem.

USE CASE 12(Edge case): Food contamination outbreak.

Goal:

Responds in a timely manner to the users and restaurant owners that a food contamination outbreak has been reported. Notify the users and restaurant owners when the problem has been resolved.

Precondition:

- Confirms the food contamination outbreak is legitimate through the FDA.

Steps:

- Admin will send out urgent notice to the users and restaurant owners through email, web-portal and the Eminu application.
- All the food that is contaminated will be removed as an option for the user to select.
- Users and restaurant owners will be notify back when the situation have been resolved.

Postcondition:

- After the problem has been solved, the option to select the previously contaminated food item will be allow back into the search option.