INDIVIDUAL ASSIGNMENT -1

NETLIFY [4] LINK: https://63e17795ef8a7414d5e495e4--adorable-crepe-d3bc93.netlify.app/

User Experience and Task Flow:

FEATURE: User Profile Management/ User Dashboard.

- **TASK-1: UPDATE USER PROFILE**

  SCENARIO: Abby mentioned her first name and last name while account creation. However, she got married and her last name changed. So now she wants to update her last name in the profile.

  PERSONA: Abby (A graduate student)
  NEED: Some information entered needs to be updated if it entered incorrectly.
  CONTEXT: Entered wrong last name while account creation and now user want to update it.

  USE CASES: Update user profile

  Assumption: User is already logged in the system.

1. User clicks on the user profile icon in the navigation bar.
2. On clicking the user profile icon, it displays menu.
3. User selects “Edit Profile” option in the menu.
4. System displays “Edit Profile” page.
5. User enters a value in the field that needs to be updated. Such as first name, last name, email, preferences, and display picture.
6. After adding the values, user clicks on the update button.
   - 6.1. User will be prompted to add first name by sending alert message as “First name cannot be empty”.
     - 6.1.1. User enters valid first name.
     - 6.1.2. User clicks on the update button.
   - 6.2. User will be prompted to add last name by sending alert message as “Last name cannot be empty”.
     - 6.2.1. User enters valid last name.
     - 6.2.2. User clicks on the update button.
   - 6.3. User will be prompted to add valid email address by sending alert message as “email must contain an ‘@’”.
     - 6.3.1. User enters valid email address.
     - 6.3.2. User clicks on the update button.

6.4. User can add preferences (Vegetarian, Non-Vegetarian, Gluten-free recipes, etc) and clicks on update button.

6.5. User can add profile picture and clicks on update button.

7. System updates User Profile.
8. System displays alert message as “User profile updated successfully”.

TASK FLOW:

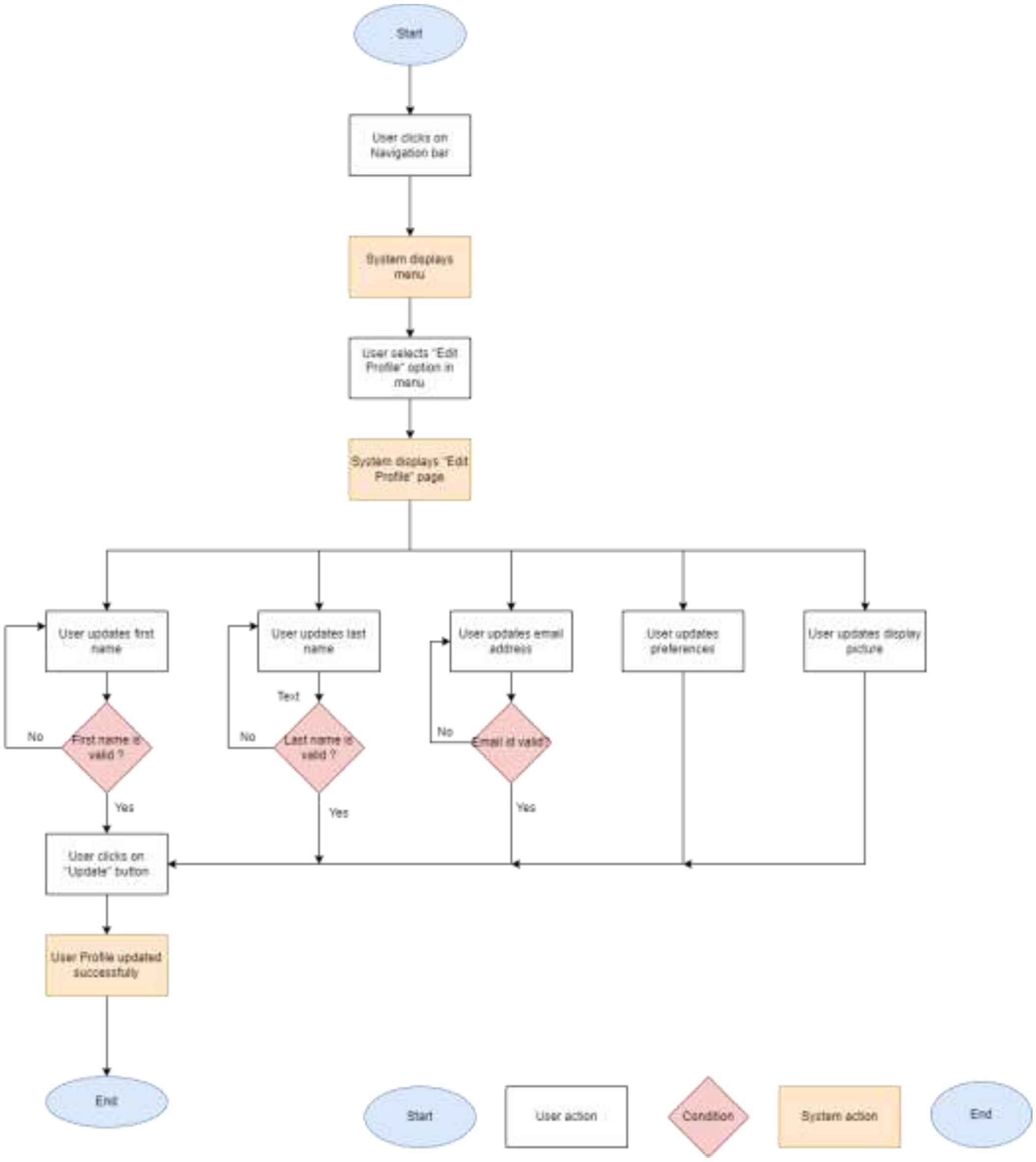

Start
User clicks on Navigation bar
System displays menu
User selects "Edit Profile" option in menu
System displays "Edit Profile" page
User updates first name
User updates last name
User updates email address
User updates preferences
User updates display picture
First name is valid ?
No
Yes
Text
Last name is valid ?
No
Yes
Email id valid?
No
Yes
User clicks on "Update" button
User Profile updated successfully
End
Start
User action
Condition
System action
End

Figure 1: Task flow for updating User Profile [1]

- **<u>TASK-2:</u> DEACTIVATE USER PROFILE**

  SCENARIO: Abby has created two accounts using different email ids entered the wrong details like wrong last name while creating an account. Now they want to update their wrong details (Last name).

  PERSONA: Abby (A graduate student)
  NEED: Deactivate user account.
  CONTEXT: User created two accounts with different email ids and want to deactivate one.

  USE CASES: Deactivate user profile.

  Assumption: User is already logged in the system.

  1. User clicks on the user profile icon in the navigation bar.
  2. On clicking the user profile icon, it displays menu.
  3. User selects “Edit Profile” option in the menu.
  4. System displays “Edit Profile” page.
  5. User sees the “Deactivate” after scrolling down to the page.
  6. User clicks on the “Deactivate” button.
  7. System displays a confirmation box to confirm account deactivation.
     7.1. User clicks on the cancel button.
        7.1.1. System removes confirmation box from the screen.
        7.1.2. System displays profile page.
     7.2. User clicks on confirm button.
  8. System deactivates User Profile.
  9. System displays alert message as “User profile deactivated successfully”.

TASK FLOW:

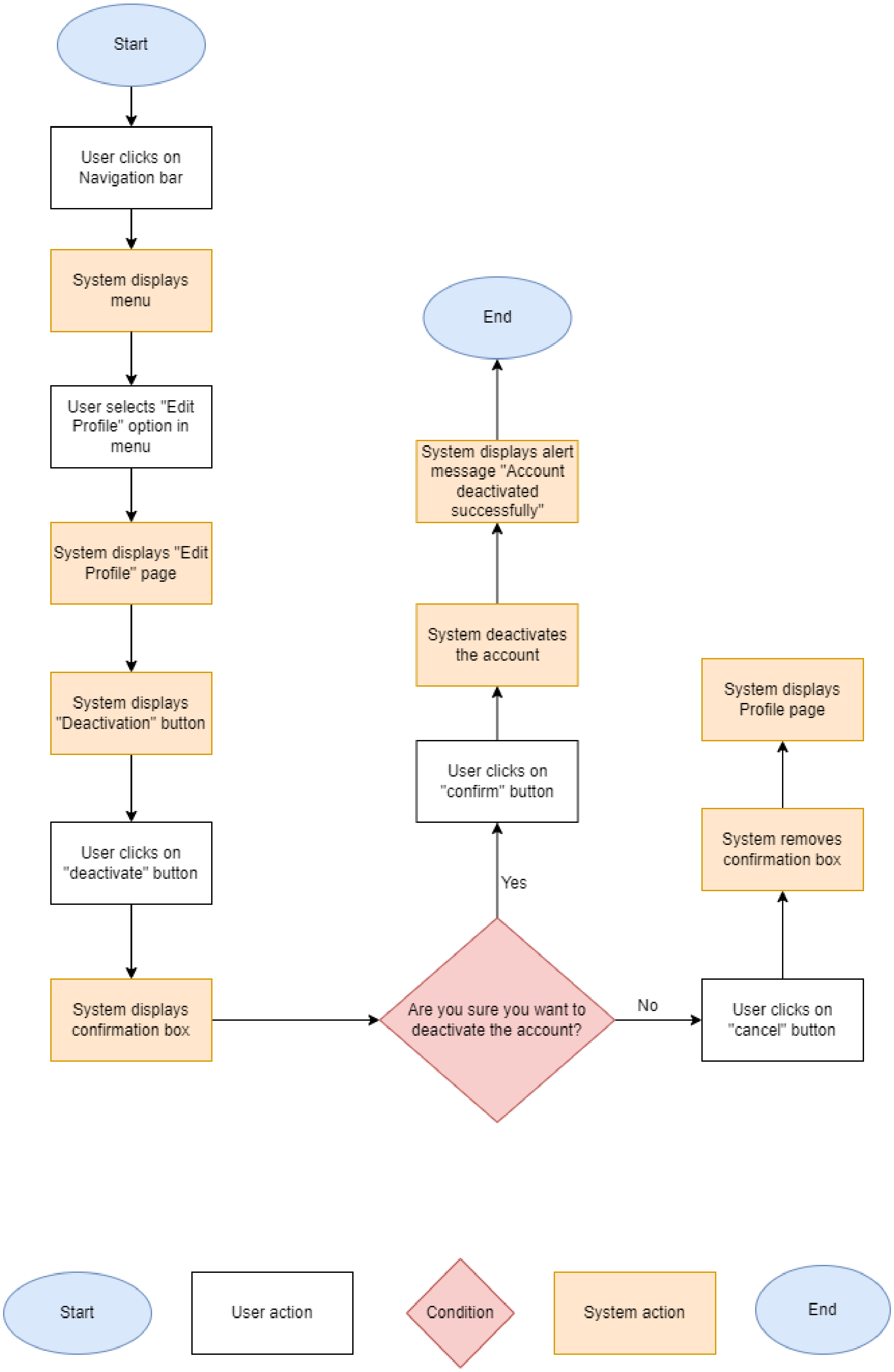

Start
User clicks on Navigation bar
System displays menu
User selects "Edit Profile" option in menu
System displays "Edit Profile" page
System displays "Deactivation" button
User clicks on "deactivate" button
System displays confirmation box
Are you sure you want to deactivate the account?
Yes
User clicks on "confirm" button
System deactivates the account
System displays alert message "Account deactivated successfully"
End
No
User clicks on "cancel" button
System removes confirmation box
System displays Profile page
Start
User action
Condition
System action
End

Figure 2: Task flow for Deactivating User Profile [1]

- **TASK-3: DISPLAY LIST OF RECIPES (CREATED AND SAVED)**

  SCENARIO: Abby likes to save the recipes that are easy to make and delicious, so that he can make it without searching at other places. This saves Abby's time. Also, she can see her own created recipes to keep a track of her own recipes and can make variations in his recipes in for future posts.

  PERSONA: Abby (A graduate student)
  NEED: To easily see the saved recipes and keep a track of user's own created post.
  CONTEXT: Student is in hurry and want to look for the easy and quick recipe from the saved section or created from his/her own created posts.

  USE CASES: Display List of created and saved recipes.

  1. User clicks on the user profile icon in the navigation bar.
  2. On clicking the user profile icon, it displays menu.
  3. User selects "Profile" option in the menu.
  4. System displays "Profile" page.
  5. User sees two tabs "Created" and "Saved" recipes.

  5.1. User clicks on "Created" to see the post created by the user.
  5.2. User clicks on "Saved" to see the saved posts which is saved by the user.

TASK FLOW:

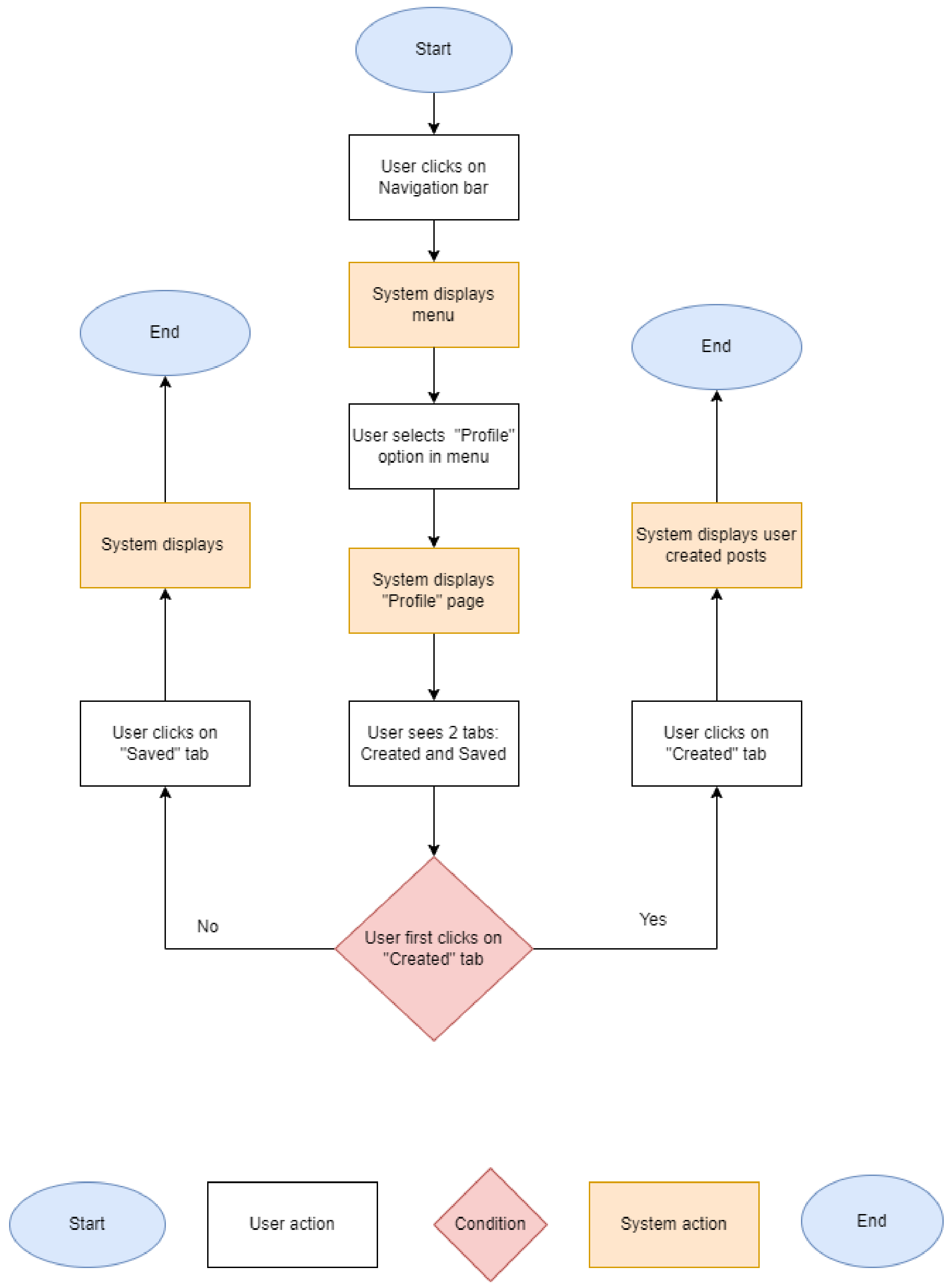

Start
User clicks on Navigation bar
System displays menu
User selects "Profile" option in menu
System displays "Profile" page
User sees 2 tabs: Created and Saved
User first clicks on "Created" tab
No
Yes
User clicks on "Saved" tab
System displays
End
User clicks on "Created" tab
System displays user created posts
End
Start
User action
Condition
System action
End

Figure 3: Task flow for displaying list of recipes [1]

Lo-Fidelity Prototype:

FEATURE: User Profile Management/ User Dashboard.

- **TASK-1: UPDATE USER PROFILE**

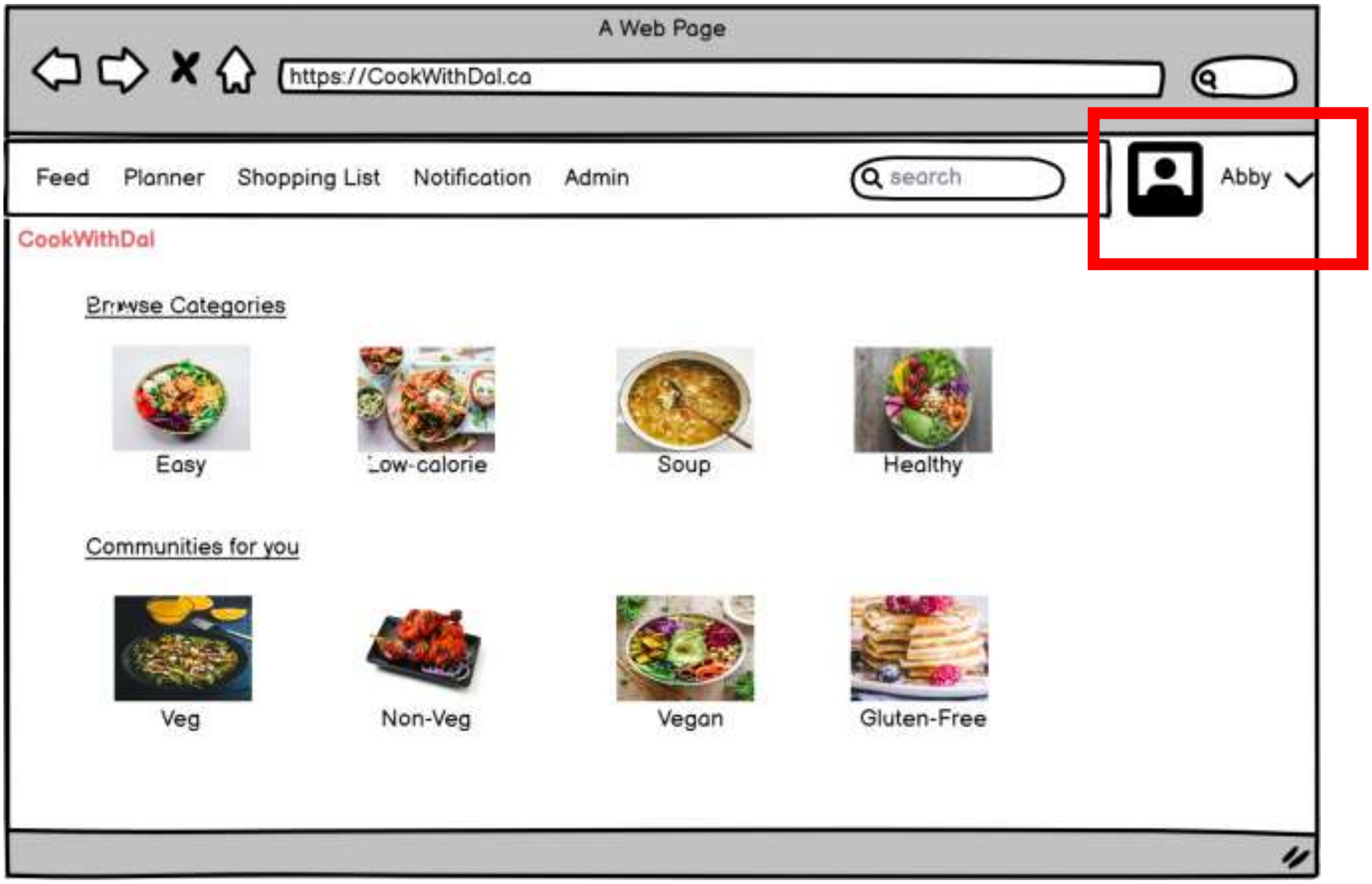


Figure 4: Wireframe showing "Feed" page having "Profile" icon [2]

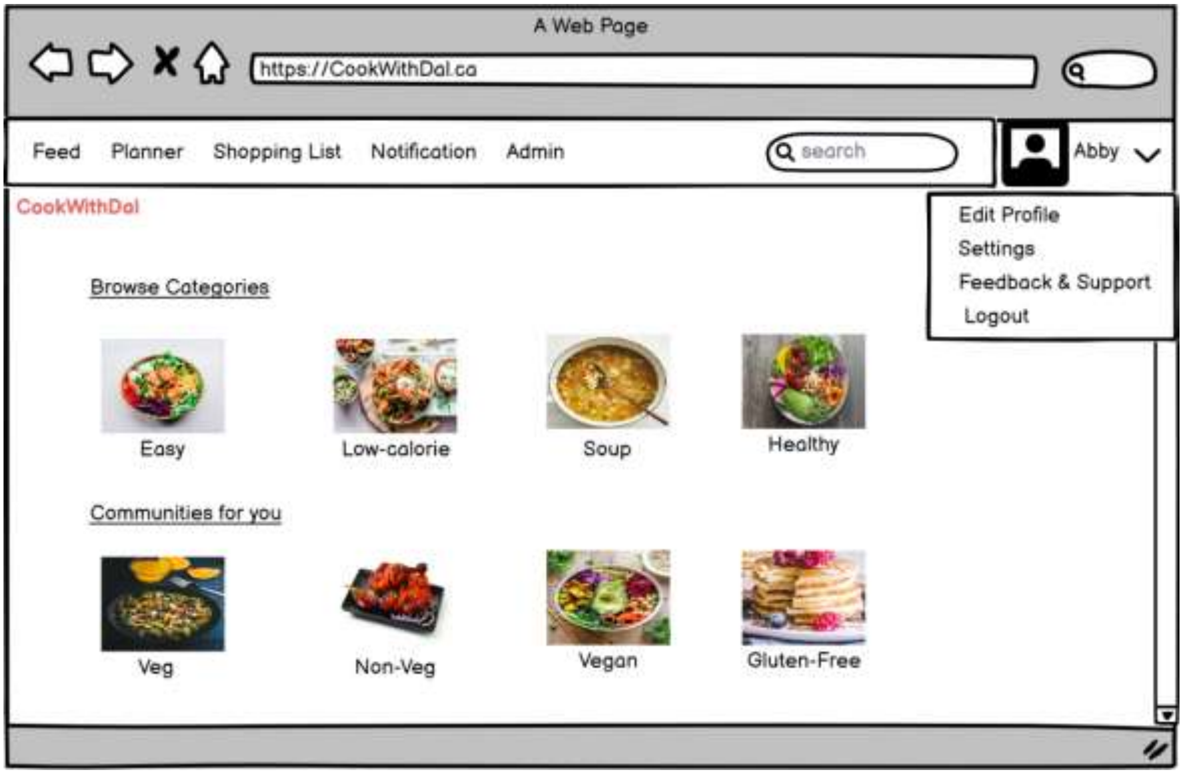
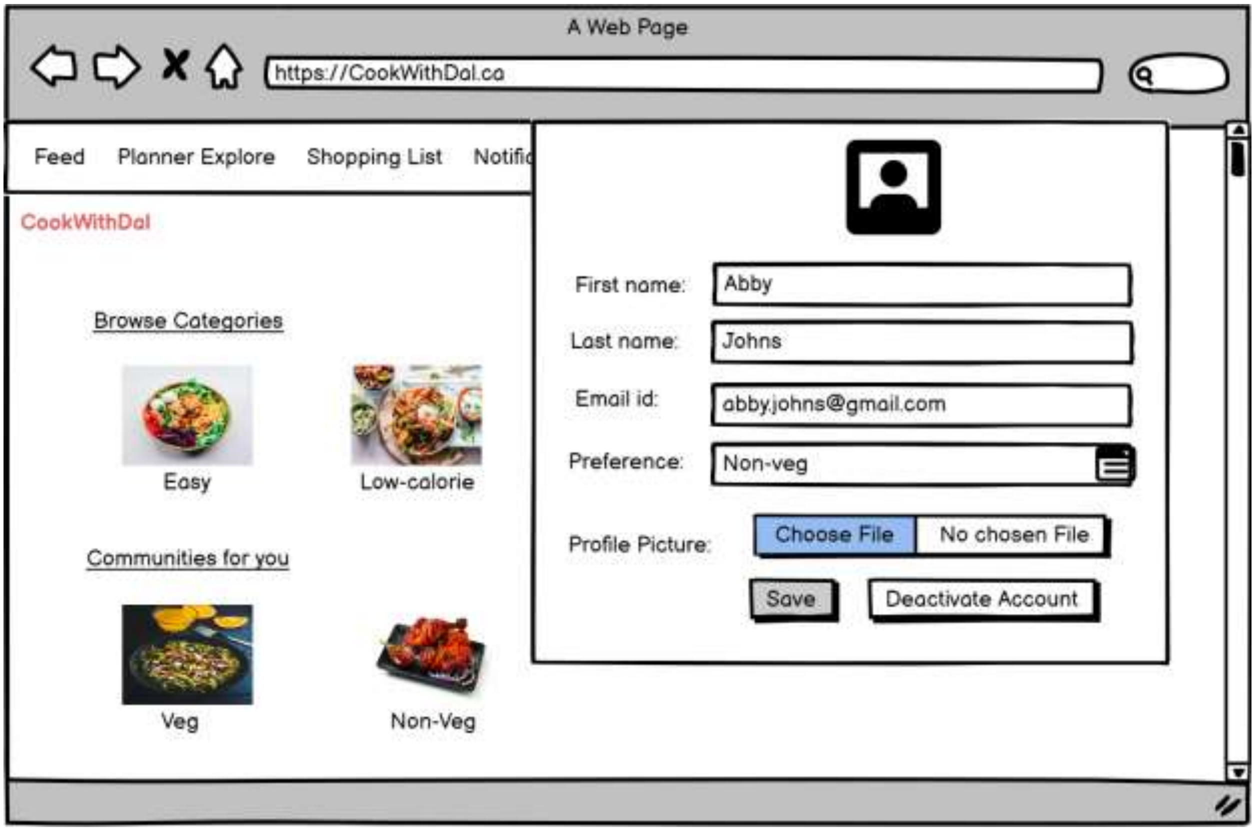


Figure 5: Wireframe showing the dropdown menu bar from "Profile" icon [2]



First name: Abby

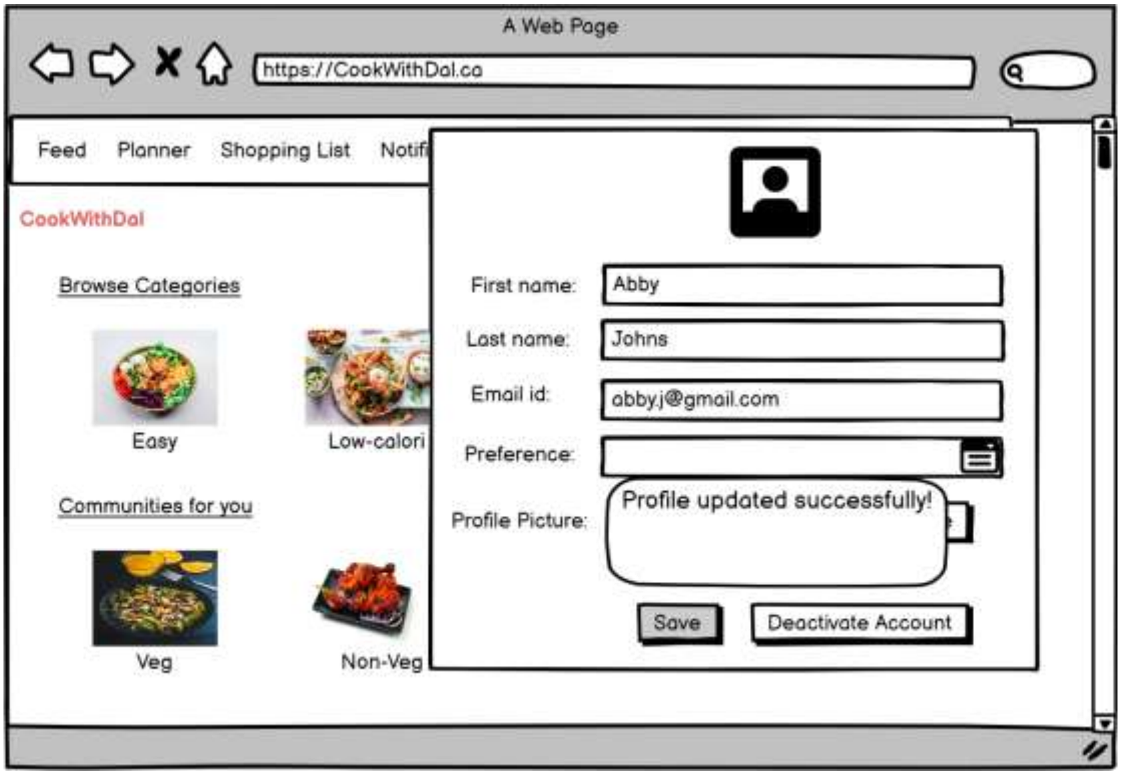
Last name: Johns

Email id: abby.johns@gmail.com

Preference: Non-veg

Profile Picture: No chosen File

Figure 6: Wireframe showing user details in the Profile [2]



First name: Abby

Last name: Johns

Email id: abby.j@gmail.com

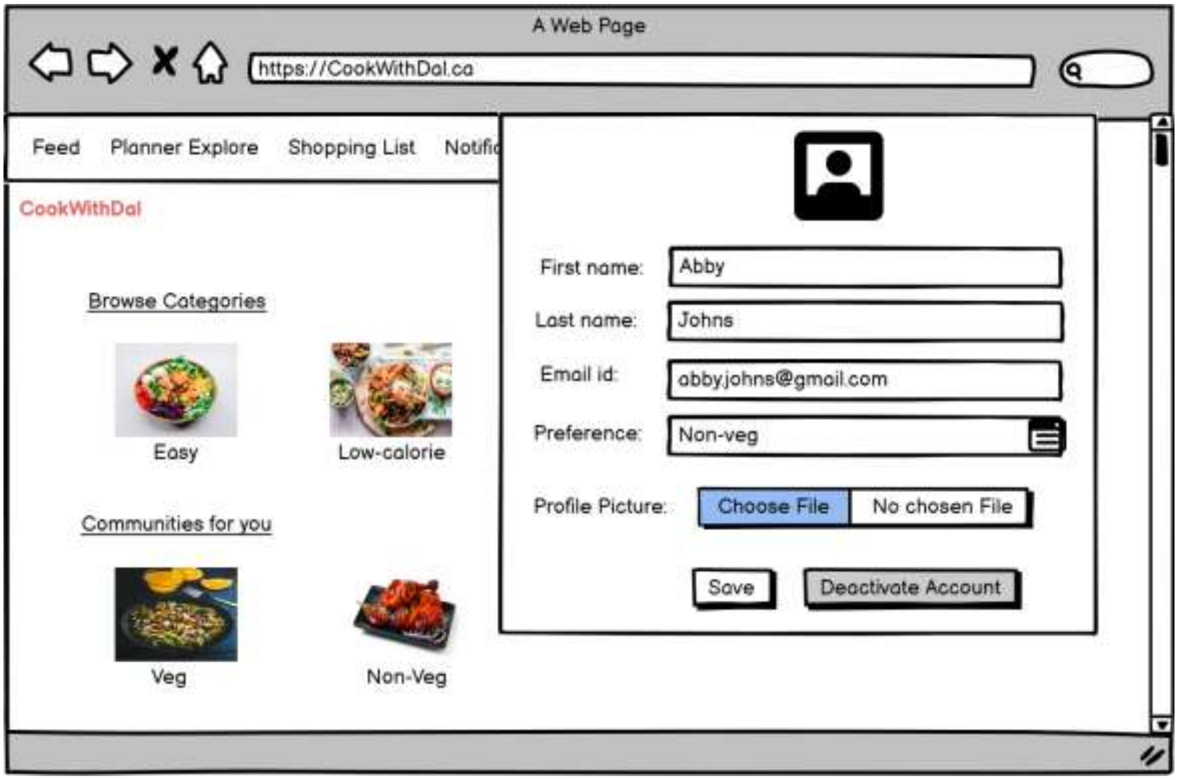
Preference:

Profile Picture:

Profile updated successfully!

Figure 7: Wireframe showing user saving the details successfully [2]

- **<u>TASK-2:</u> DEACTIVATE USER PROFILE**



First name: Abby

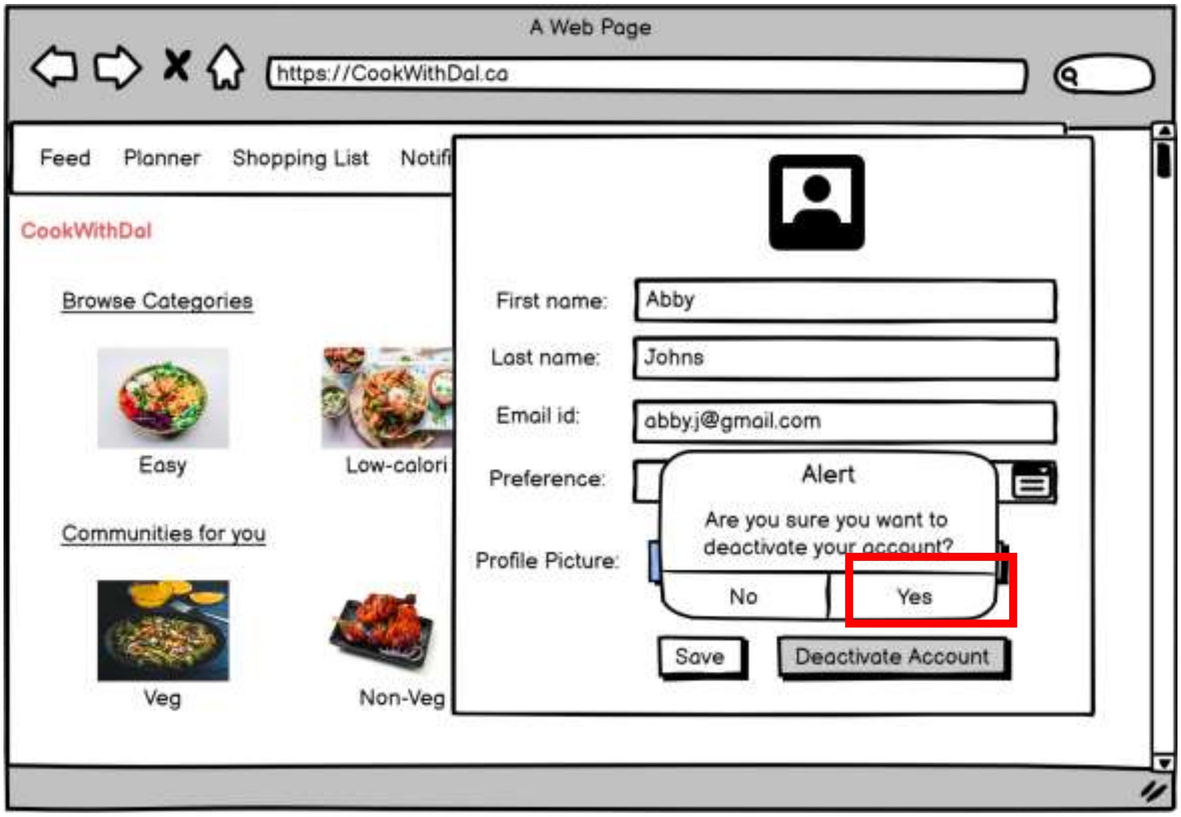
Last name: Johns

Email id: abbyjohns@gmail.com

Preference: Non-veg

Profile Picture: No chosen File

Figure 8: Wireframe showing user details in Profile [2]



First name: Abby

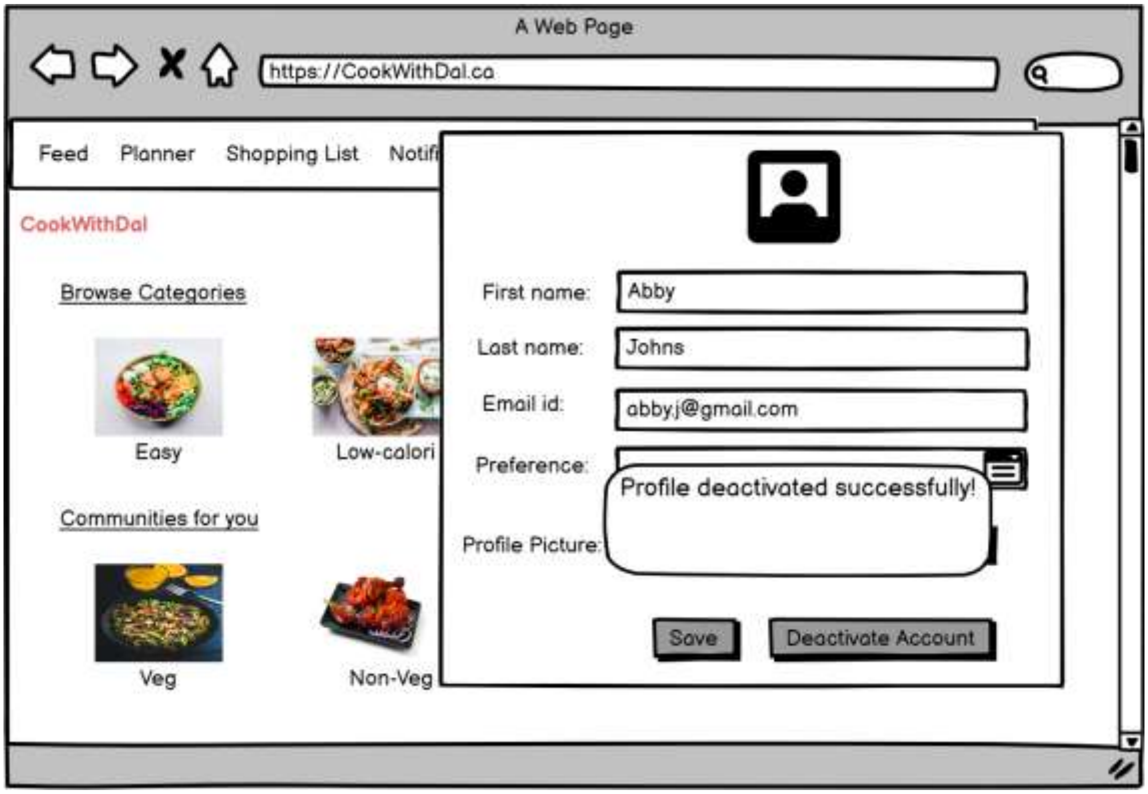
Last name: Johns

Email id: abbyj@gmail.com

Alert

Are you sure you want to deactivate your account?

Figure 9: Wireframe showing alert before deactivating the account [2]



First name: Abby

Last name: Johns

Email id: abbyj@gmail.com

Profile deactivated successfully!

Figure 10: Wireframe showing user account deactivated successfully [2]

- **TASK-3: DISPLAY LIST OF RECIPES (CREATED AND SAVED)**

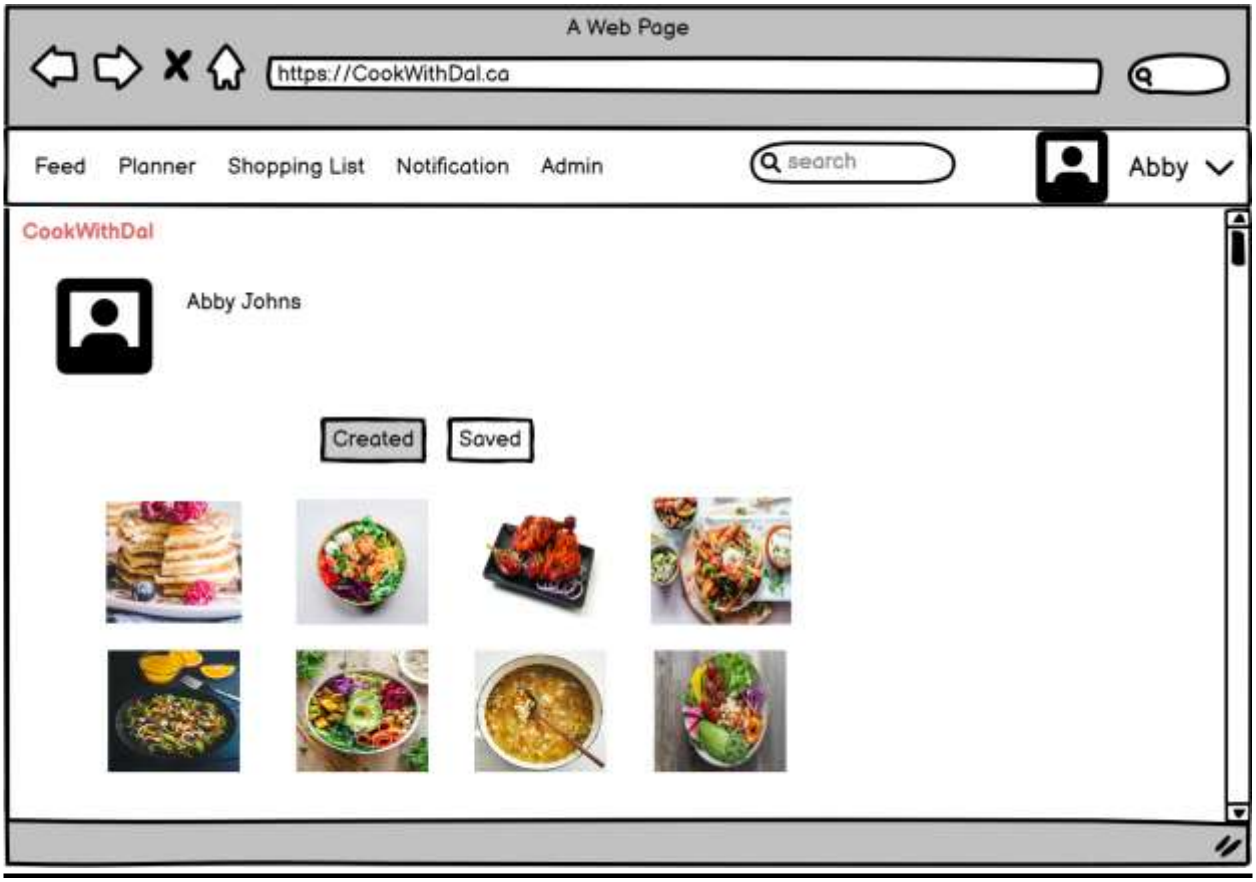


Figure 11: Wireframe showing display of created and saved recipes [2]

Semi-Functional Prototype:

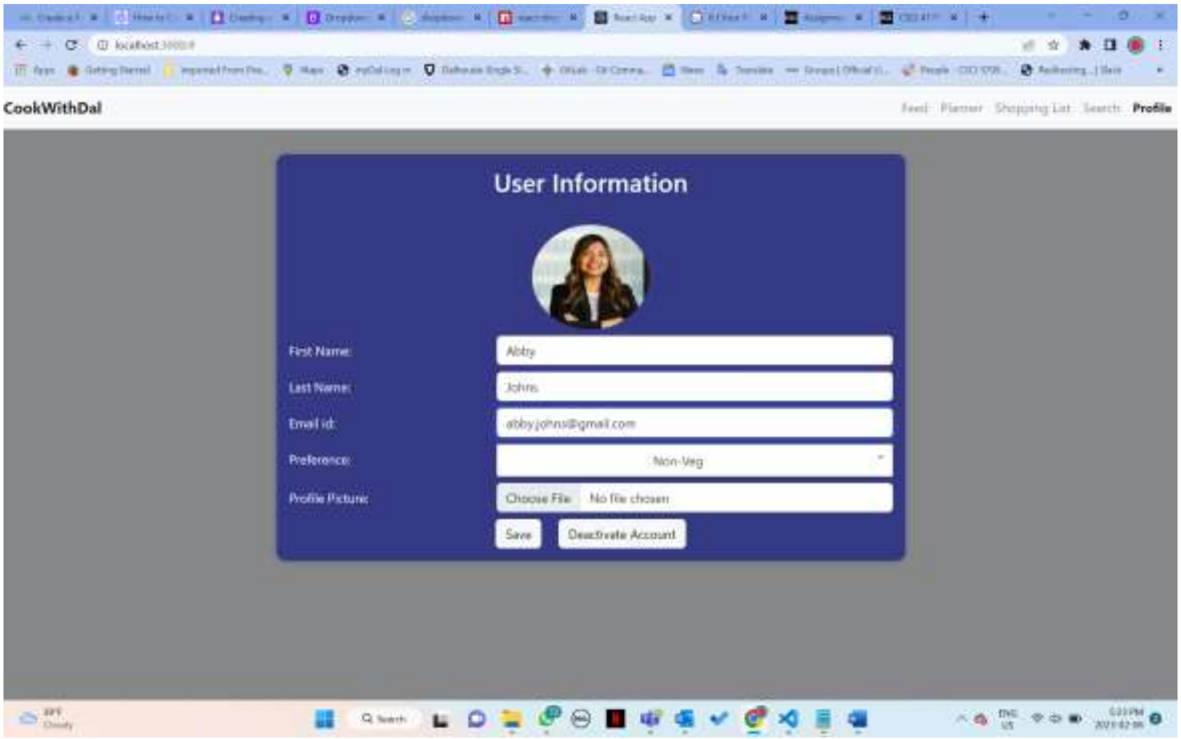
FEATURE: User Profile Management/ User Dashboard.

- **TASK-1: UPDATE USER PROFILE**

Description:

- When user clicks on the "Profile" in the Navigation bar, the user will be able to see the "User Information" form. Now, user can update details by filling the form (Refer Fig.12).
- In Fig. 13, the user can't save the details unless he/she is filling the required fields. In this case, mandatory fields are: First name, Last name and Email id.

- Fig. 14, the profile information is updated successfully.



User Information

First Name: Abby

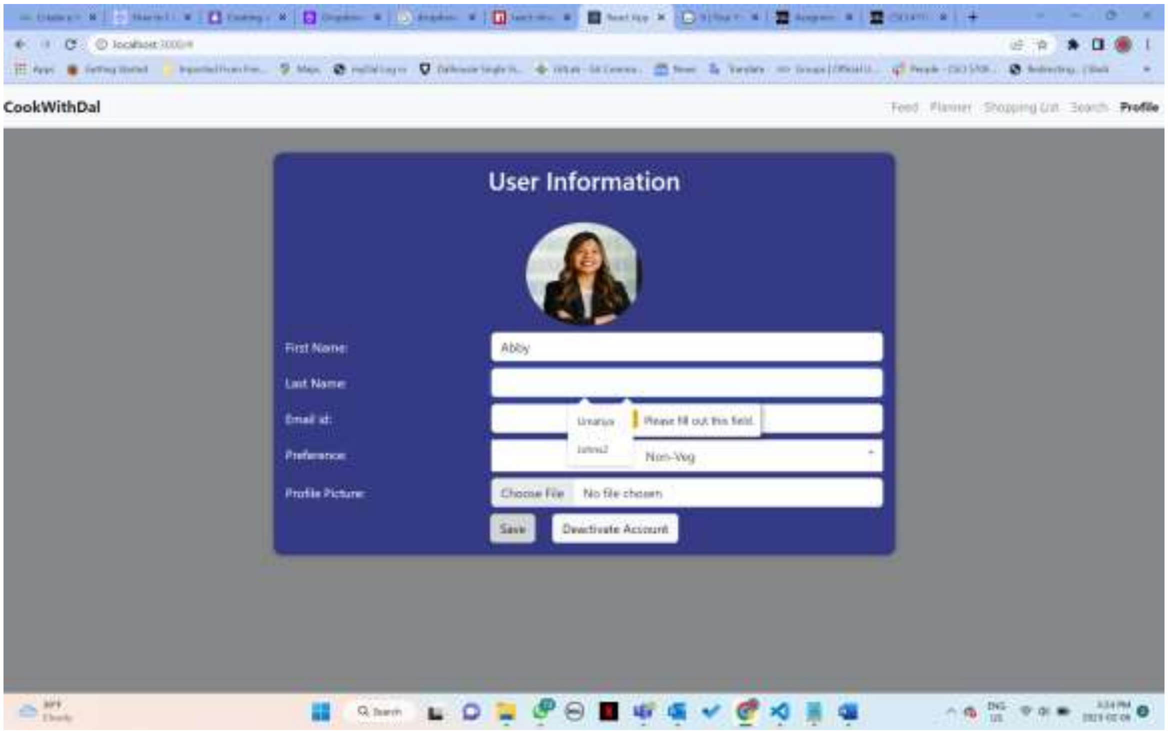
Last Name: Johns

Email id: abbyjohns@gmail.com

Preference: Non-Veg

Profile Picture: No file chosen

Figure 12: Semi-Functional Prototype showing User Information



User Information

First Name: Abby

Last Name:

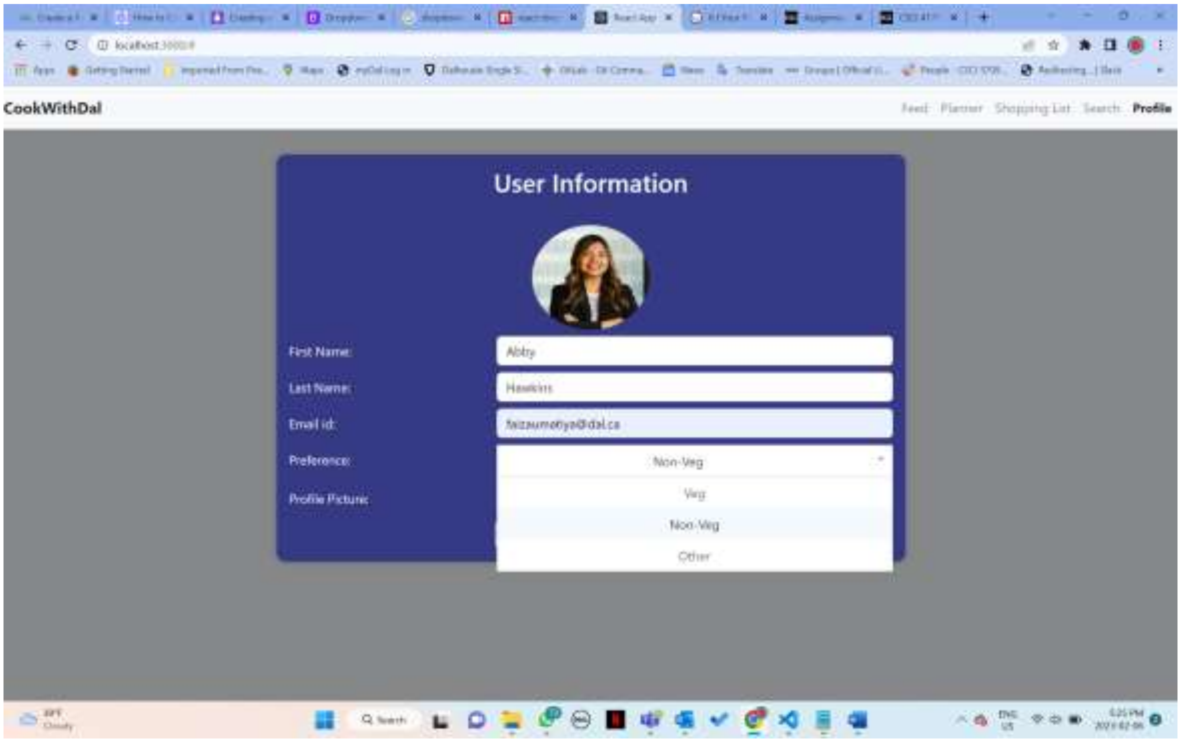
Please fill out this field.

Email id:

Preference: Non-Veg

Profile Picture: No file chosen

Figure 13: Semi-Functional Prototype showing mandatory fields



User Information

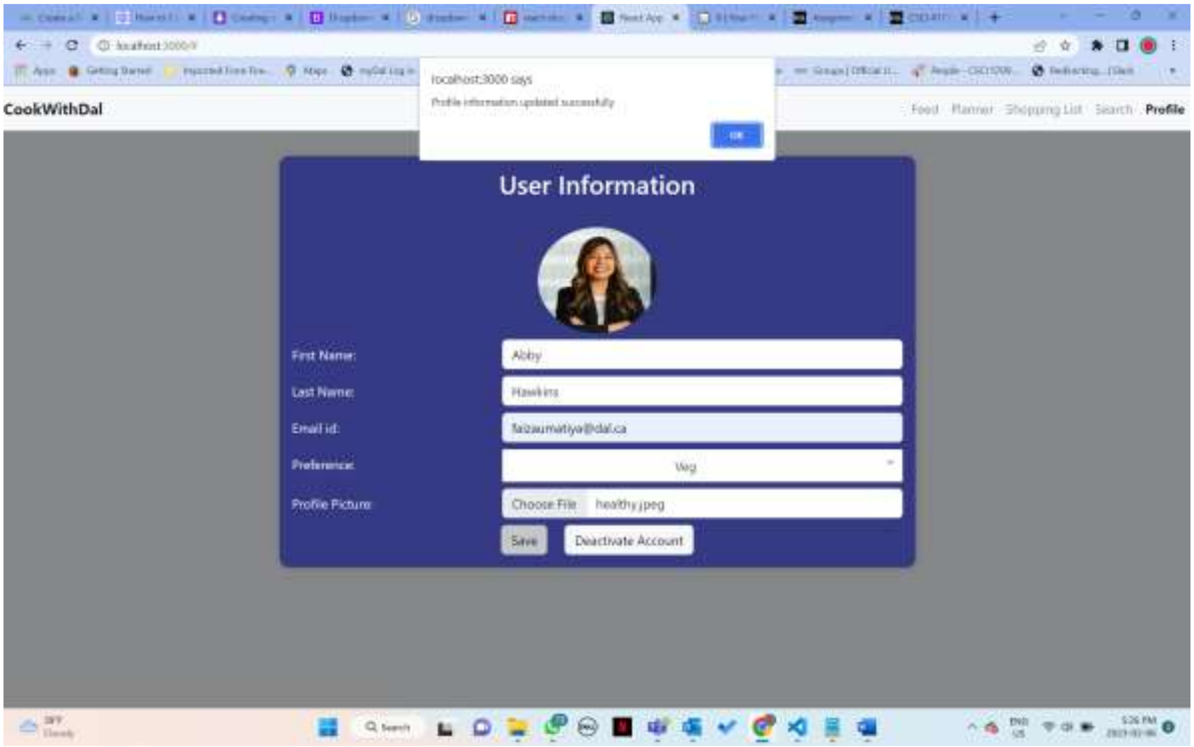
First Name: Abby

Last Name: Hawkins

Email id: faizaumatiya@dal.ca

Preference: Non-Veg

Figure 14: Semi-Functional Prototype showing dropdown menu for preference



localhost:3000 says

Profile information updated successfully

User Information

First Name: Abby

Last Name: Hawkins

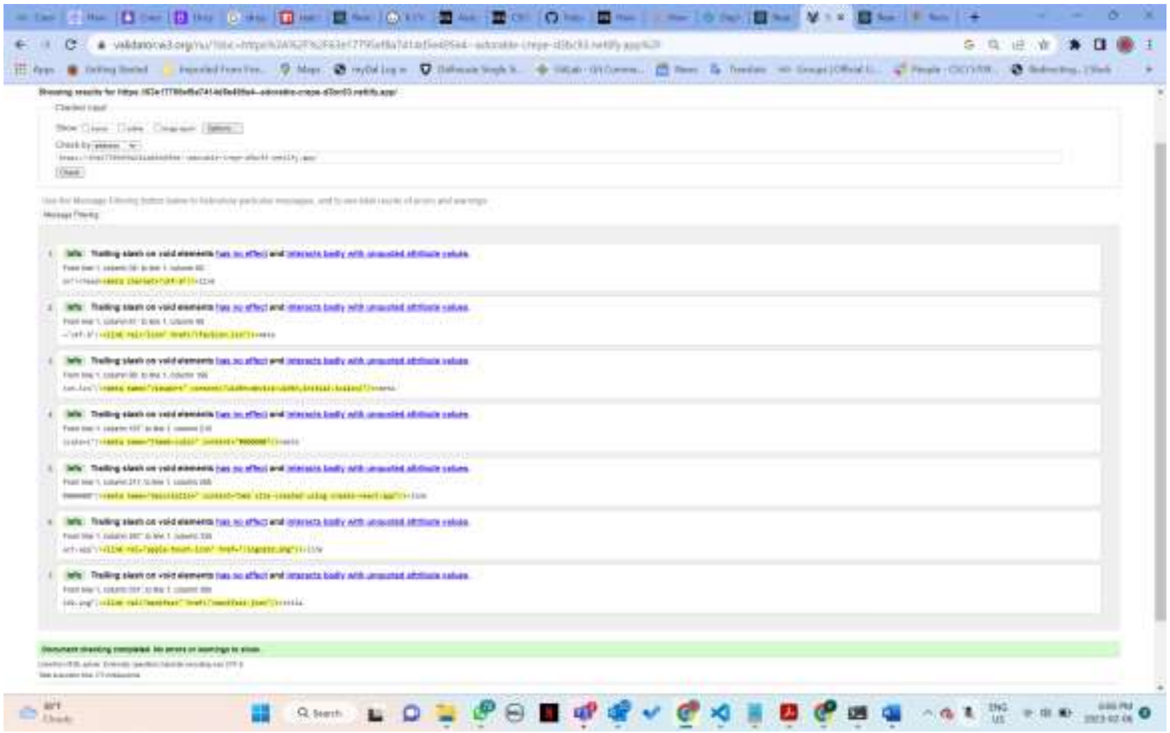
Email id: faizaumatiya@dal.ca

Preference: Veg

Profile Picture: Choose File healthy.jpeg

Figure 15: Semi-Functional Prototype showing User information updated successfully

W3C Compliant:



Showing results for https://63e17795ef8a741 4d9e495a4--adorable-crepe-d3bc63.netlify.app/

1. Info Trailing slash on void elements (has no effect) and interacts badly with unquoted attribute values.
2. Info Trailing slash on void elements (has no effect) and interacts badly with unquoted attribute values.
3. Info Trailing slash on void elements (has no effect) and interacts badly with unquoted attribute values.
4. Info Trailing slash on void elements (has no effect) and interacts badly with unquoted attribute values.
5. Info Trailing slash on void elements (has no effect) and interacts badly with unquoted attribute values.
6. Info Trailing slash on void elements (has no effect) and interacts badly with unquoted attribute values.
7. Info Trailing slash on void elements (has no effect) and interacts badly with unquoted attribute values.

Document checking completed. No errors or warnings to show.

Figure 16: Proof showing prototype is W3C Compliant [3]

References:

[1] “Flowchart maker & online diagram software,” *Diagrams.net*. [Online]. Available: https://app.diagrams.net/. [Accessed: 06-Feb-2023].

[2] “Balsamiq cloud,” *Balsamiq.cloud*. [Online]. Available: https://balsamiq.cloud/sxmh7sh/pj2t1sa/rA9F4. [Accessed: 06-Feb-2023].

[3] “Markup validation service,” *Validator.w3.org*. [Online]. Available: https://validator.w3.org/. [Accessed: 06-Feb-2023].

[4] “Develop and deploy websites and apps in record time,” *Netlify*. [Online]. Available: https://www.netlify.com/. [Accessed: 07-Feb-2023].