



## **IT314 SOFTWARE ENGINEERING**

**Project : Naive Baker**

**Prof. : Saurabh Tiwari**

**Group : 13**

**Testing : GUI TESTING**

**Done By : Swet Lakhani (202101218)**

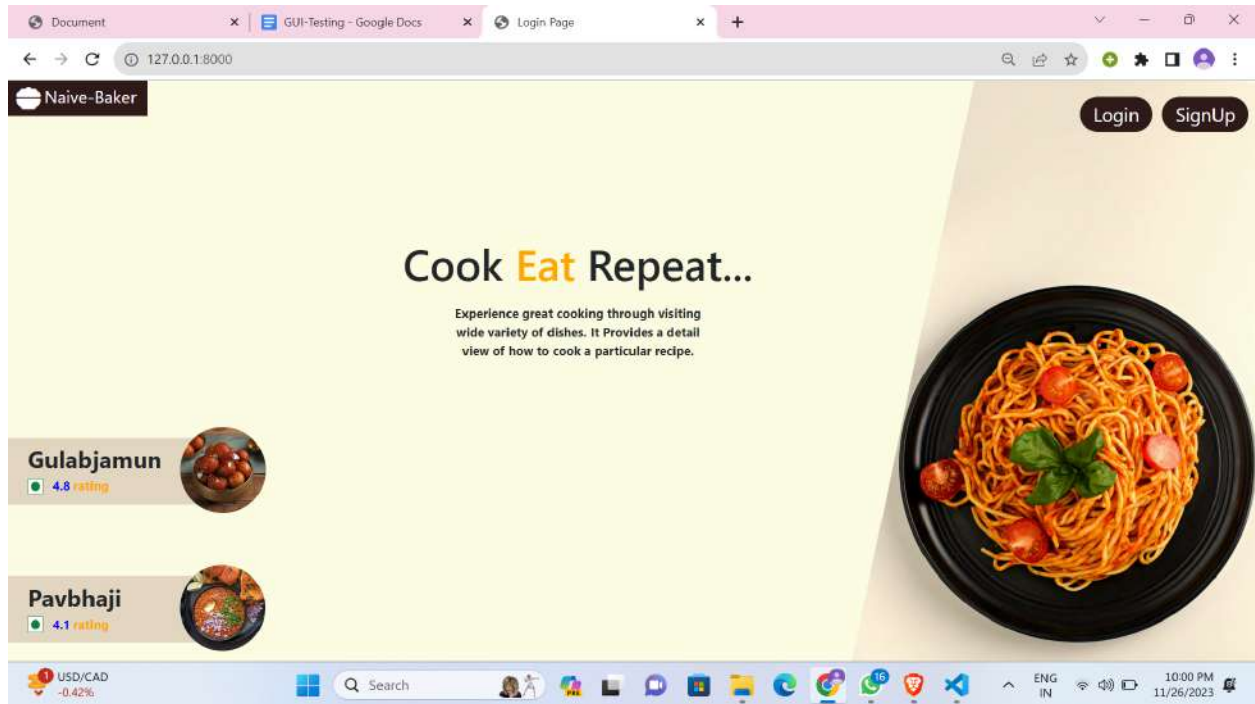
**Harikrushna Suhagiya (202101214)**

**Harsh Chavda (202101228)**

**Done : Manually**

# HOMEPAGE :-

When we open the website, then first page opens is homepage which looks like as shown below.



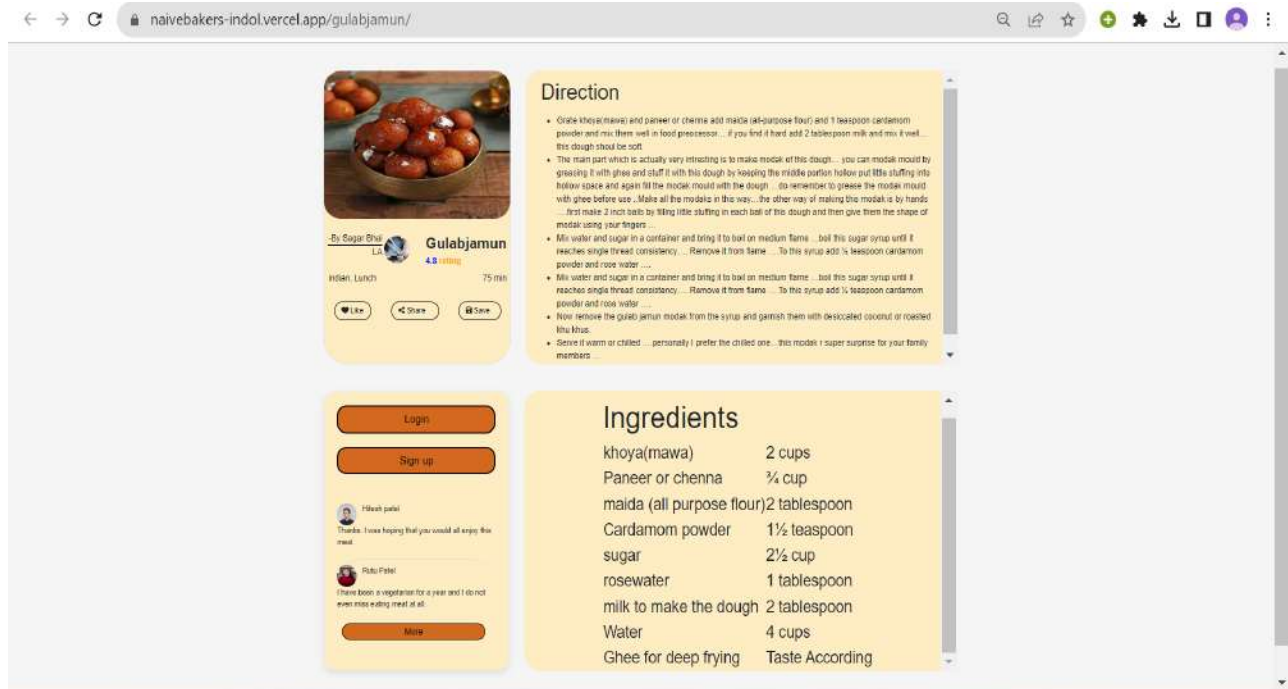
It describes the main idea of our project by showing two different recipes at bottom left and a bigger one on the right side. It also reflects the main theme “Cook Eat Repeat...”.

In Homepage, Login and SignUp buttons are aligned properly and they are working properly.

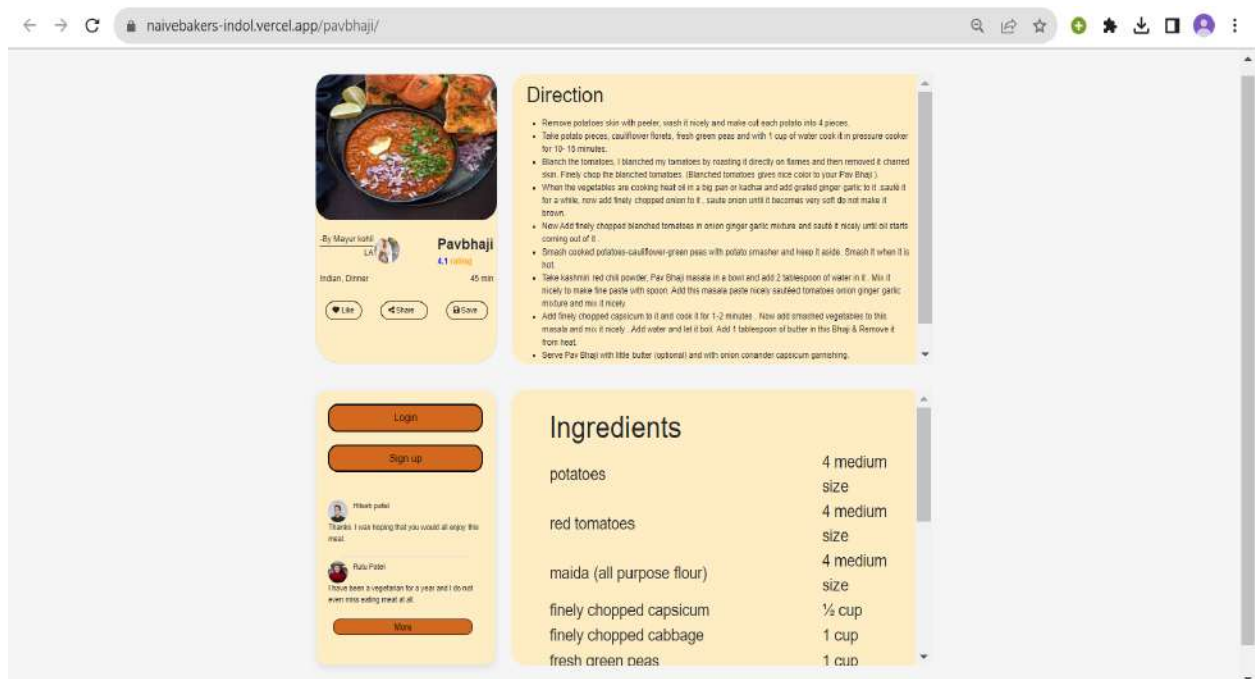
By Clicking on the Login Button, It gets directed to the Login Page Successfully.

By Clicking on SignUp Button, It gets directed to the Register Page Successfully.

**Test 1** : By Clicking on **Gulabjamun** Section at Bottom Left of Page. It get directed to open recipe card and details of it as shown :-

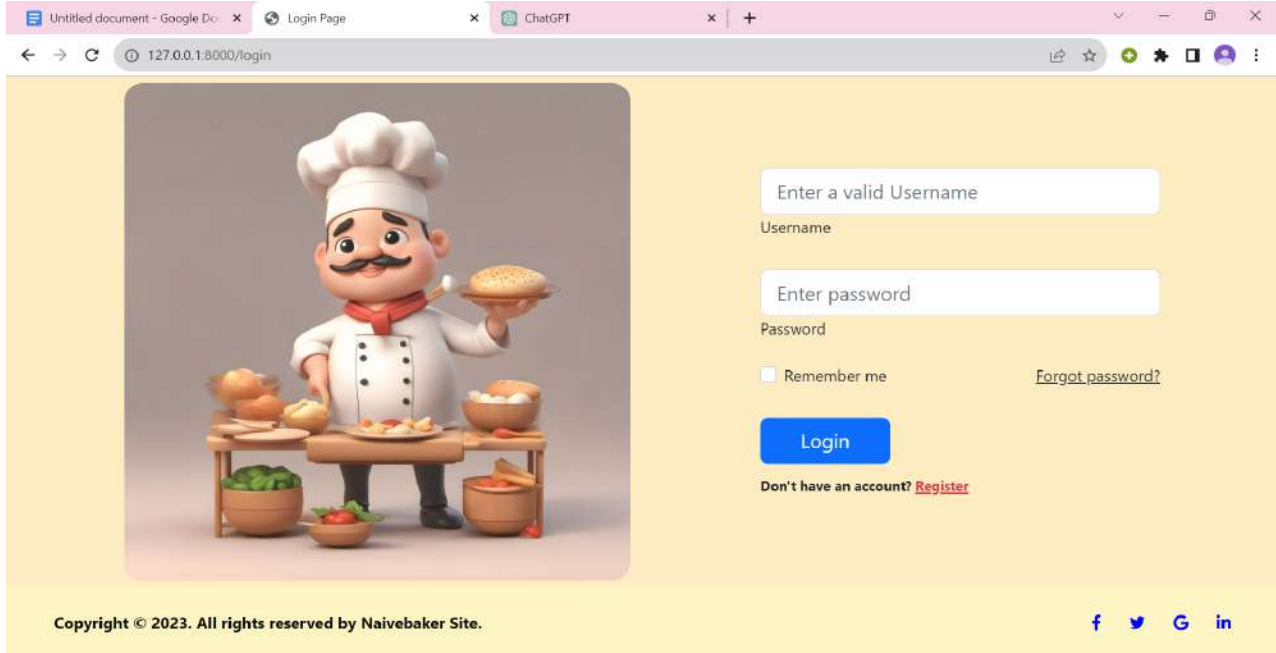


**Test 2 :** By Clicking on **Pavbhaji** Section at Bottom Left of Page. It get directed to open recipe card and details of it as shown :-



# LOGIN PAGE :-

After Clicking the Login Button on Homepage, it gets directed to the Login Page quickly. Login page looks like :-



The screenshot shows a web browser window with the address bar displaying "127.0.0.1:8000/login". The page features a 3D illustration of a chef on the left and a login form on the right. The form includes input fields for "Username" and "Password", a "Remember me" checkbox, a "Forgot password?" link, and a blue "Login" button. Below the button is a link to "Register" for users who don't have an account. The footer contains a copyright notice and social media icons.

Enter a valid Username

Username

Enter password

Password

☐ Remember me [Forgot password?](#)

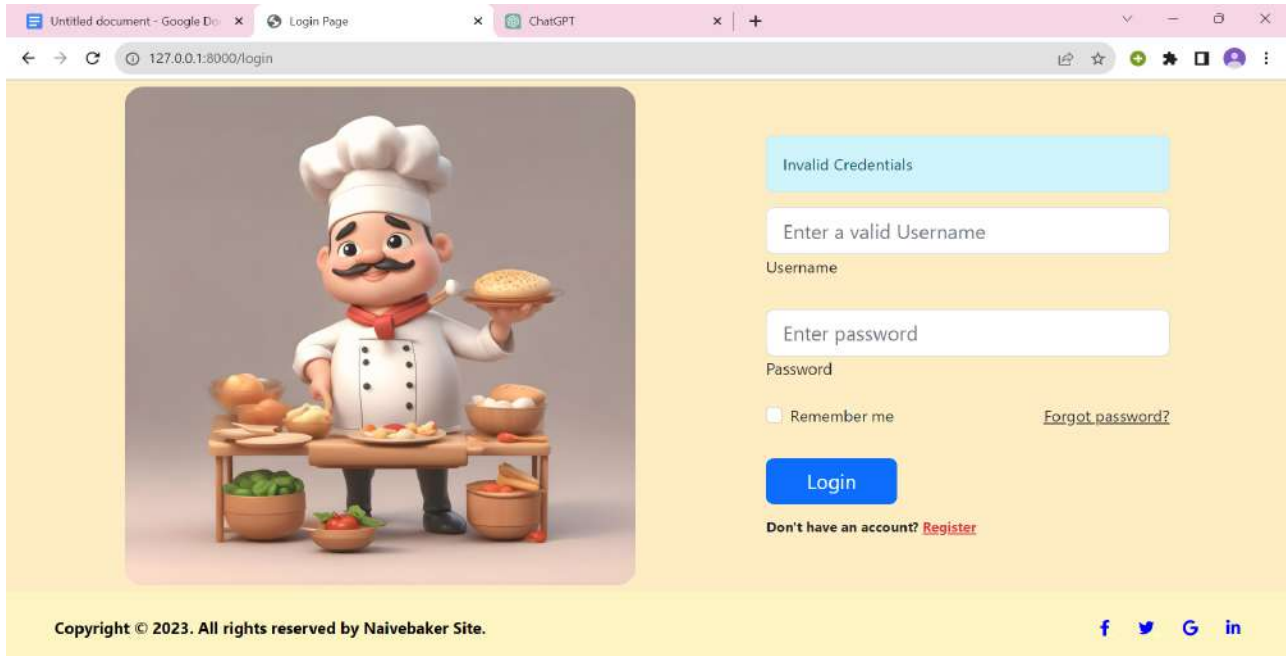
Login

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

Copyright © 2023. All rights reserved by Naivebaker Site.

f t G in

**Test 1 :** If we try to click directly to Login button without entering any details then it shows as :-



This screenshot shows the same login page as before, but with an additional error message "Invalid Credentials" displayed in a light blue box above the username input field. The rest of the page elements, including the chef illustration, form fields, and footer, remain the same.

Invalid Credentials

Enter a valid Username

Username

Enter password

Password

☐ Remember me [Forgot password?](#)

Login

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

Copyright © 2023. All rights reserved by Naivebaker Site.

f t G in

It displays a message in the blue box above the Username field of “Invalid Credentials” which ensures that any empty entry does not get submitted.

**Test 2** : if we write only username and try to login by clicking on Login button then also It displays message in blue box above Username field of “Invalid Credentials”.

**Test 3** : if we enter the correct username and enter the wrong password then it also displays a message in the blue box above the Username field of “Invalid Credentials”.

**Test 4** : if we enter incorrect username and enter correct password then also It displays a message in blue box above Username field of “Invalid Credentials”.

**Test 5** : if we try to refresh the Login Page having a message of “Invalid Credentials” then after refreshing it get removed and the default login page opens.

**Test 6** : If we click on the Forgot password field then it gets directed to the Forgot Password Page. So, it works properly.

**Test 7** : “Remember me” checkbox is working properly.

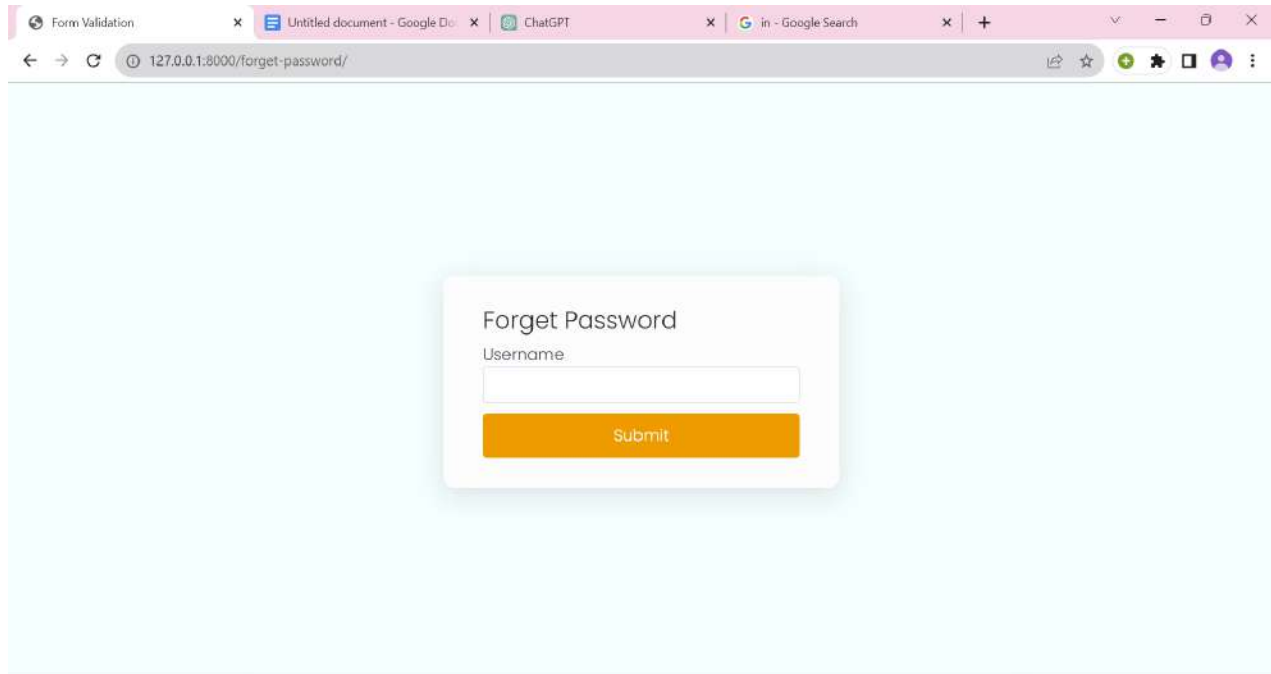
**Test 8** : By clicking on **Register** , it gets directed to Register Page Successfully.

**Test 9** : On Left side of Page, Image of Chef is visible without any failure. And it is aligned properly.

**Test 10** : On Bottom right corner of Page, There are Four Icons of Facebook, Twitter, Google and LinkedIn respectively. They are properly Aligned and working successfully.

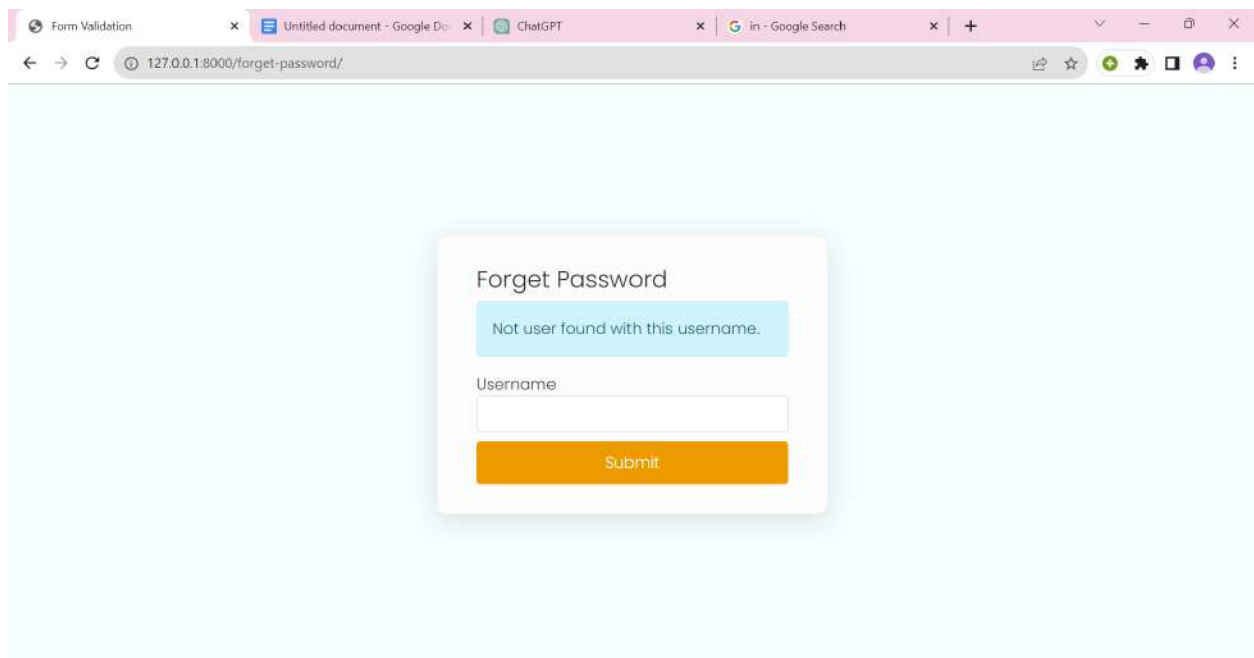
# Forgot Password Page :-

By Clicking in [Forgot password?](#) in Login Page then it gets directed to Forgot Password Page as shown :-



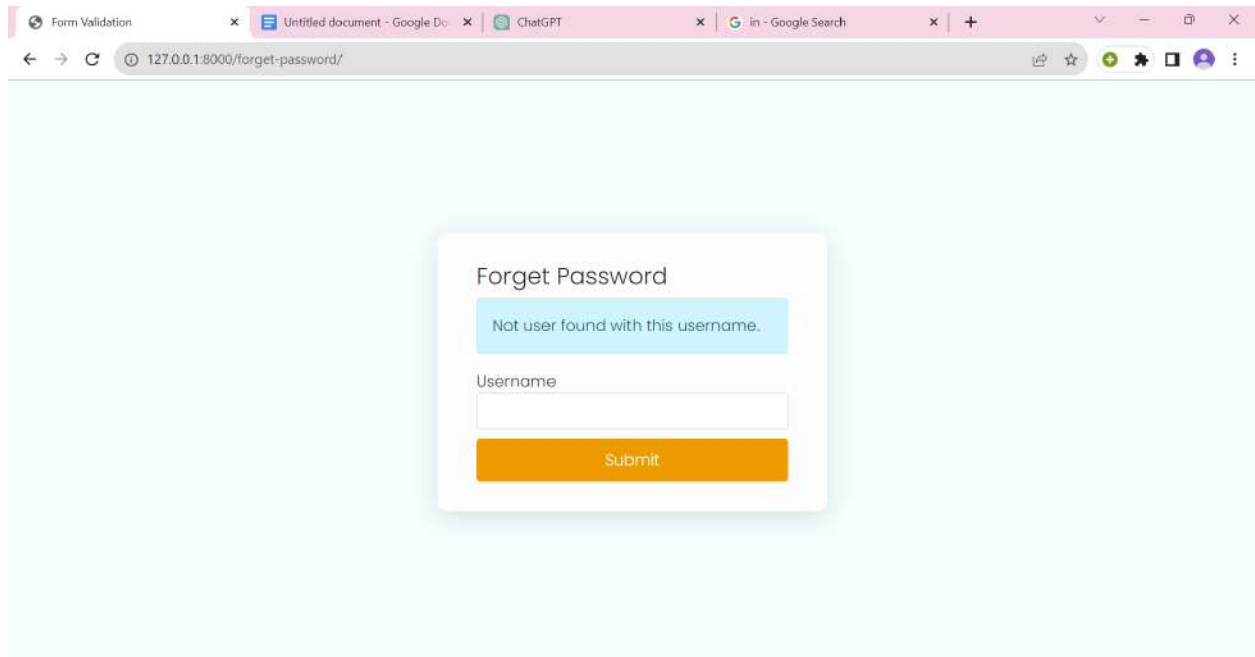
The screenshot shows a web browser window with the address bar displaying "127.0.0.1:8000/forgot-password/". The page has a light blue background. In the center, there is a white card titled "Forgot Password". Inside the card, there is a label "Username:" followed by a text input field. Below the input field is an orange "Submit" button.

**Test 1** : when we try to submit without entering any username then it displays :-



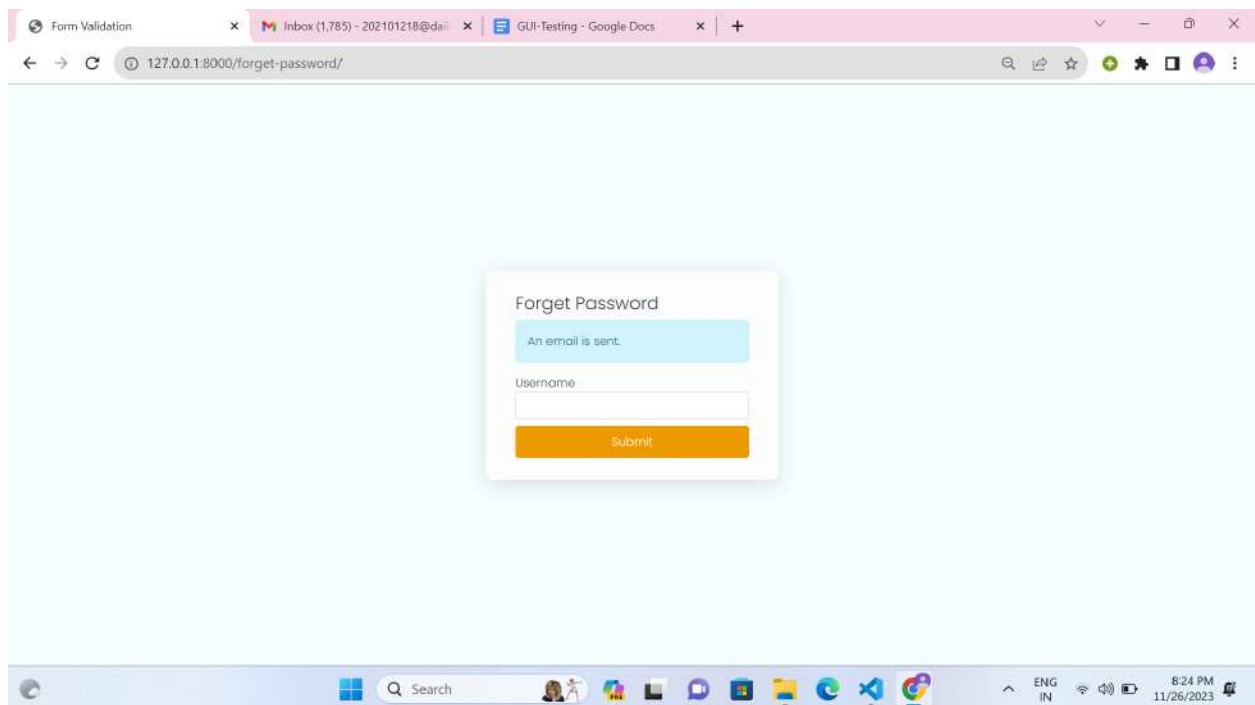
The screenshot shows the same web browser window as before. The "Forgot Password" card now displays a light blue error message box above the "Username:" input field that says "Not user found with this username." The "Submit" button remains orange and is still visible below the input field.

**Test 2** : If we enter invalid username and try to submit then it displays a message as shown below.

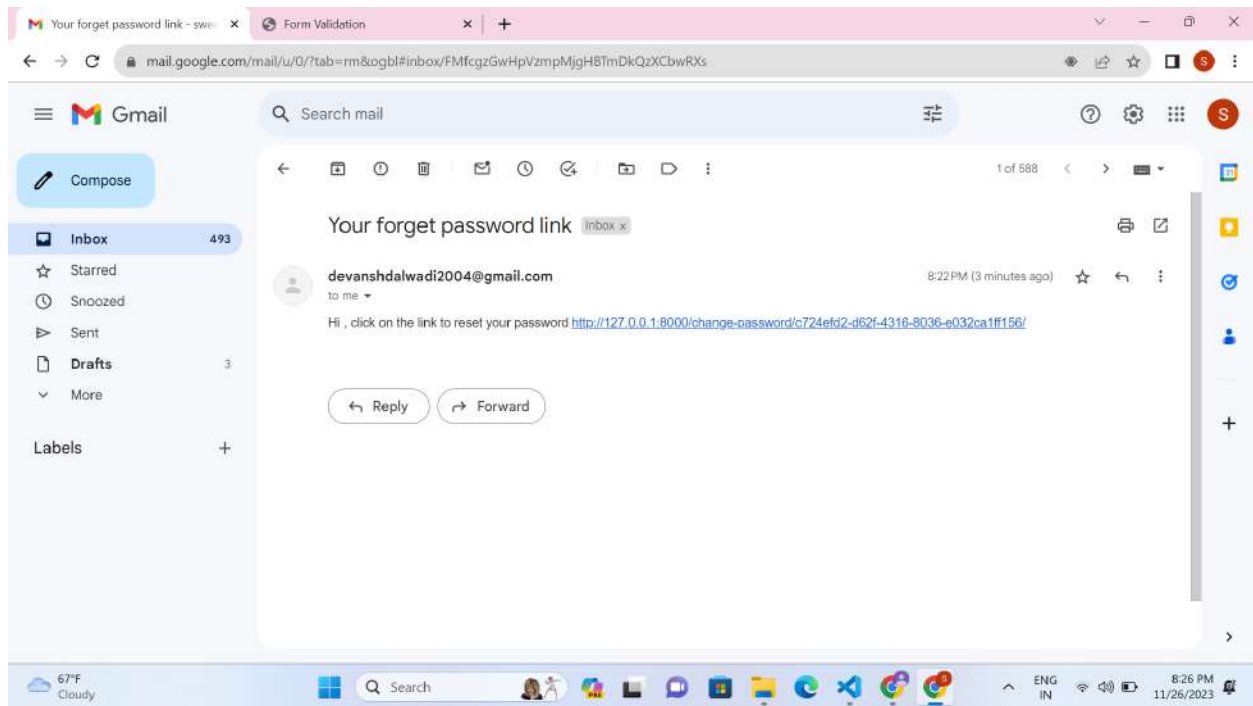


**Test 3 :** if we try to refresh the Forgot Password Page having a message of “Invalid Credentials” then after refreshing it gets removed and the default login page opens. It opens Quickly.

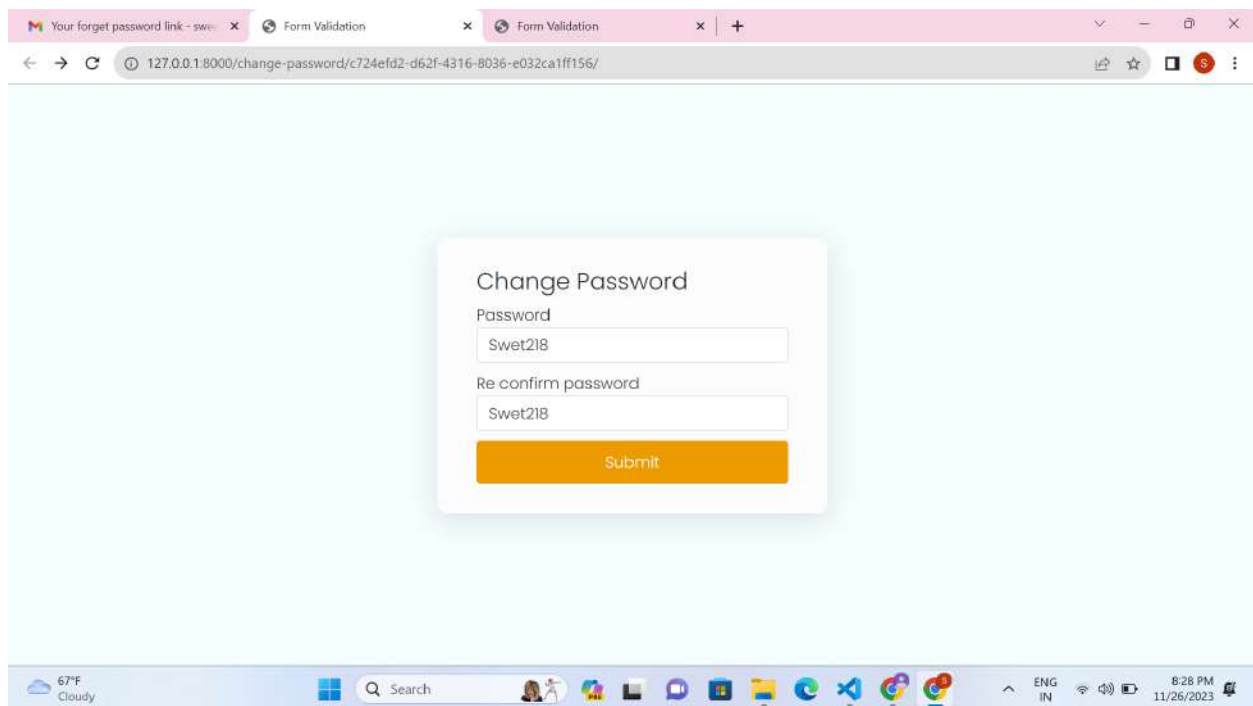
**Test 4 :** After entering the valid user credentials, here username, it redirects to page having message in blue box of Successfully sent email to registered email address.



After Opening Gmail, Email is received for changing password having one link.

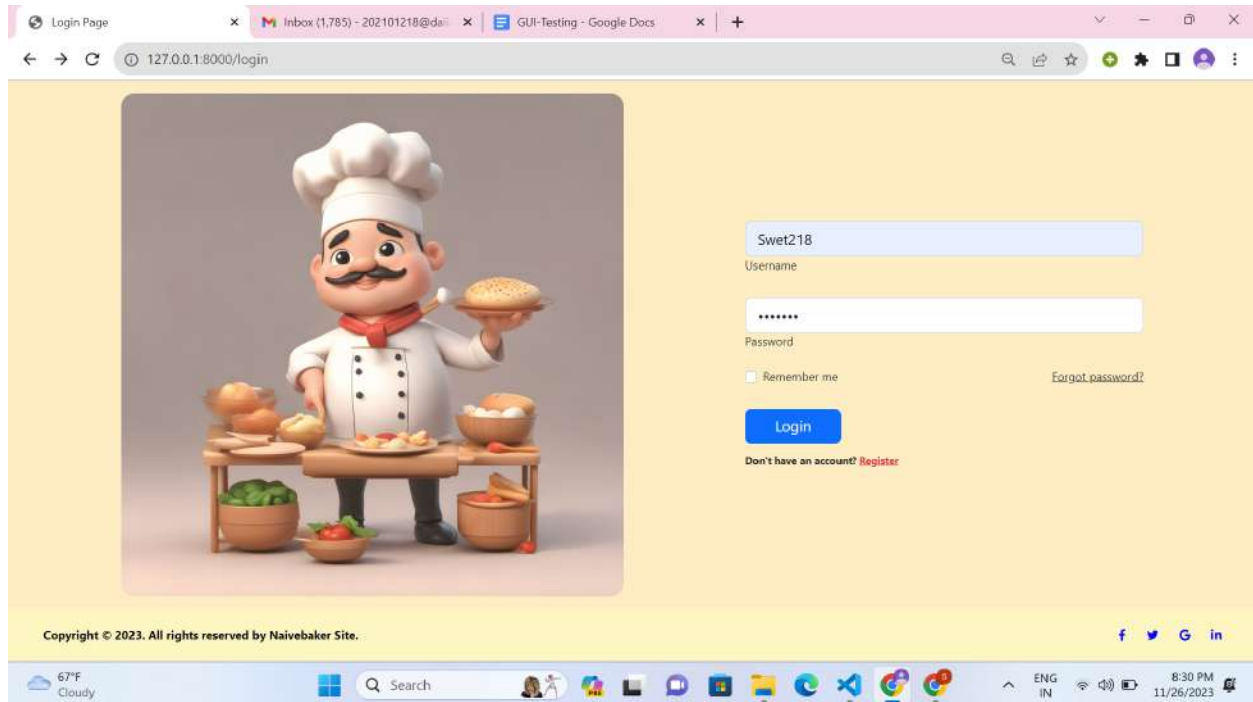


After opening that link, it directs to page as shown below. Here Both Password and Re-confirm password field are accepting input successfully. Both are visible.

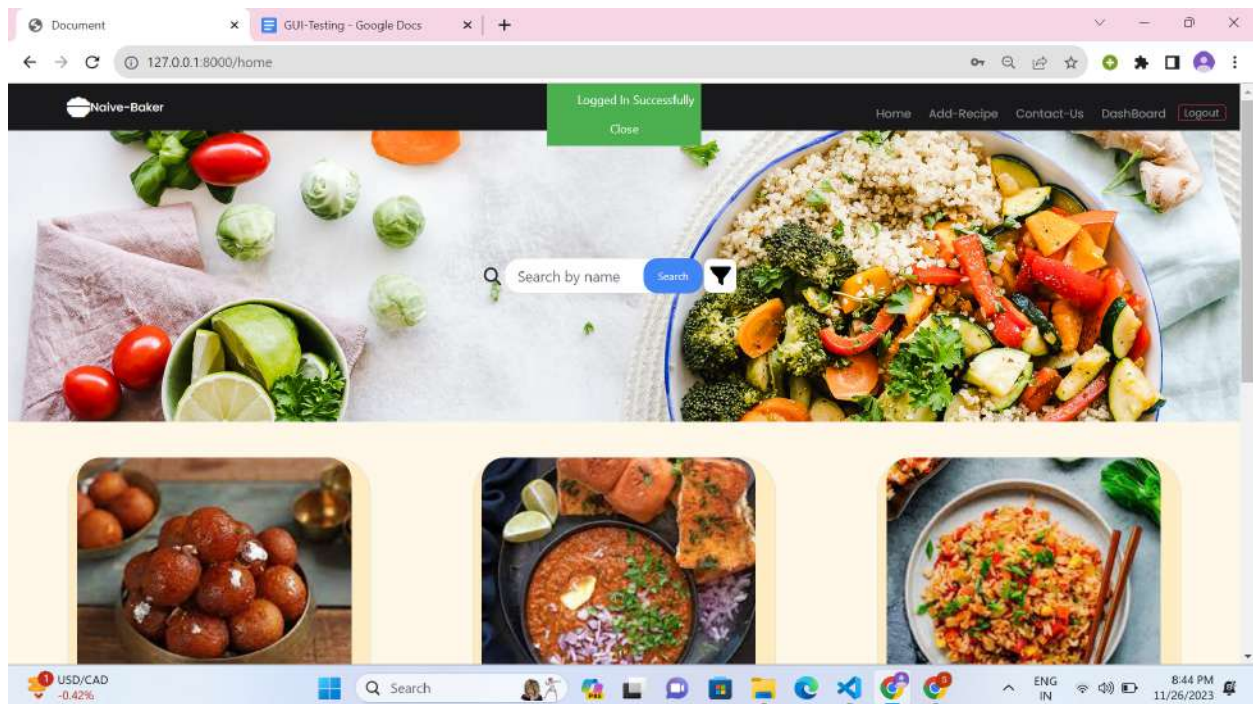




After entering a new pwd and confirm pwd, by clicking on submit button which works successfully, it gets redirected to Login Page of our Website.

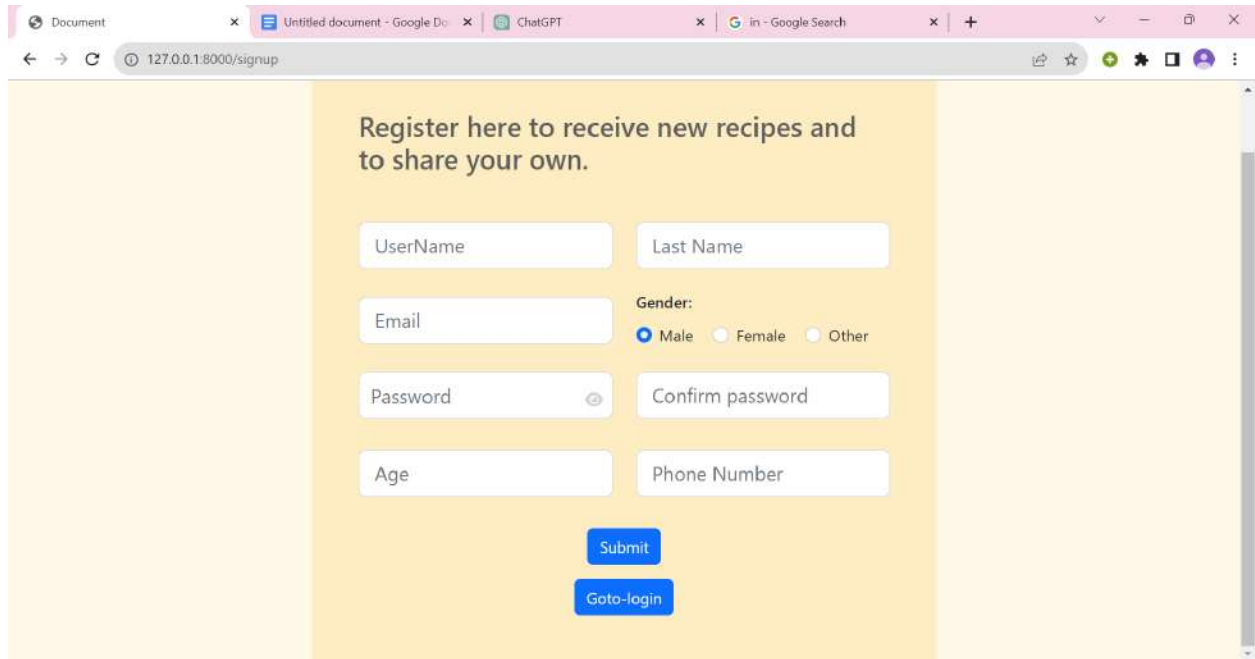


Thus, the new password is set successfully. If we try to login with new credentials then successfully Search Recipe Page opens up. Thus indicating successful registration.



# Register/SignUp Page :-

From Homepage, By clicking on SignUp Button or From Login Page, By clicking on **Register** Button, it gets directed to Register Page.

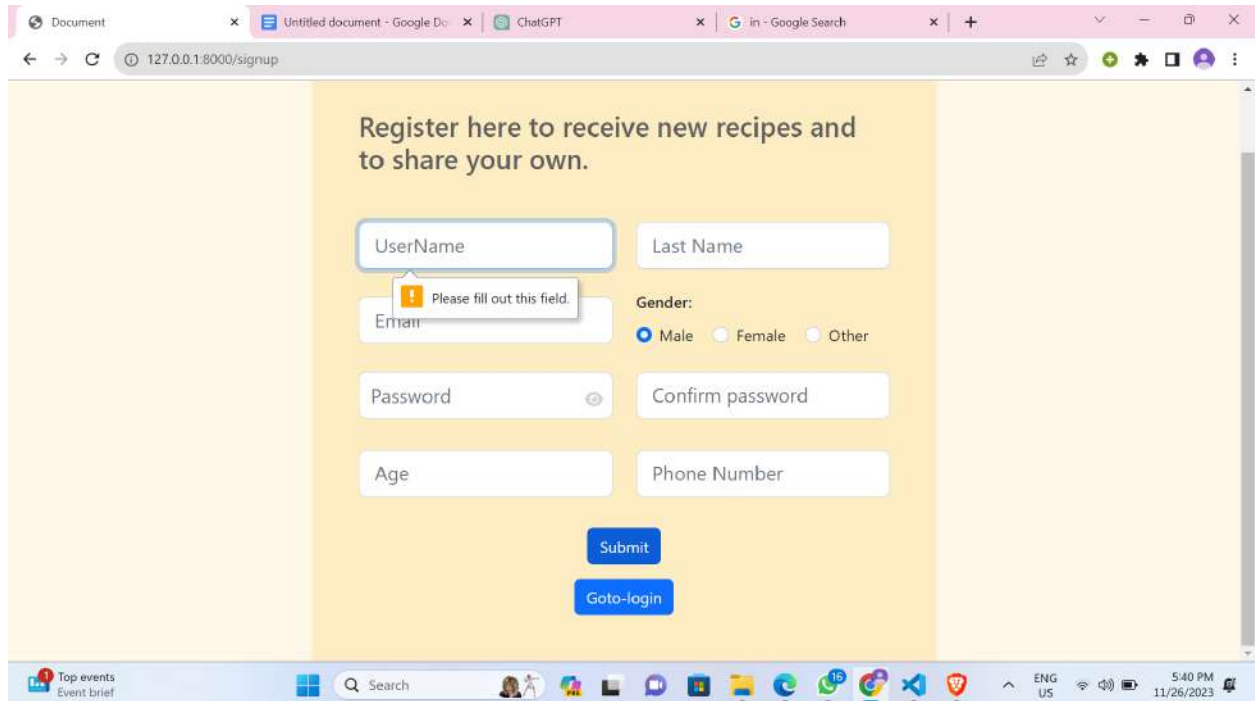


A screenshot of a web browser displaying a registration page. The browser's address bar shows the URL "127.0.0.1:8000/signup". The page has a light yellow background and contains the following elements:

- Header text: "Register here to receive new recipes and to share your own."
- Form fields: "UserName", "Last Name", "Email", "Password" (with an eye icon for toggling visibility), "Confirm password", "Age", and "Phone Number".
- Gender selection: Labeled "Gender:" with three radio buttons for "Male" (selected), "Female", and "Other".
- Buttons: A blue "Submit" button and a blue "Goto-login" button.

By default RadioButton of **Male** Field is Selected.

**Test 1** : BY clicking directly on Submit Button without entering any field values it shows :-



A screenshot of the same registration page as above, but with a validation error. The "UserName" field is highlighted with a blue border, and a tooltip message "Please fill out this field." is displayed above it. The "Submit" button is still visible below the form fields. The browser's address bar and the Windows taskbar at the bottom are also visible.

**Test 2 :** If any field is empty then “Please fill out this field” msg gets displayed on that field.

**Test 3 :** In Email Field, If @ not present then it hows msg like :-

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:8000/signup'. The page has a yellow background and contains a registration form titled 'Register here to receive new recipes and to share your own.' The form includes input fields for 'Name' (containing 'swet'), 'Last Name' (containing 'Lakhani'), 'Email' (containing '202101218daiict.ac.in'), 'Gender' (with radio buttons for Male, Female, and Other), 'Password', 'Confirm password', 'Age', and 'Phone Number'. A blue 'Submit' button and a blue 'Goto-login' button are at the bottom. A red error message box is overlaid on the email field, stating: 'Please include an '@' in the email address. '202101218daiict.ac.in' is missing an '@'.' The Windows taskbar at the bottom shows the system clock as 5:47 PM on 11/26/2023.

**Test 4 :** In Email Field, if after @ nothing is written then

The screenshot shows the same registration form as in the previous image, but the email field now contains '202101218@'. A red error message box is overlaid on the email field, stating: 'Please enter a part following '@'. '202101218@' is incomplete.' The Windows taskbar at the bottom shows the system clock as 5:48 PM on 11/26/2023.

**Test 5 :** we can see the password which we have entered and also we can hide it.

**Test 6 :** In the Confirm Password Field, It is showing the password in hidden form.

**Test 7 :** In Gender Field, only one gender is selected.

**Test 8 :** It also shows suggestions e.g in username field as shown.

Register here to receive new recipes and to share your own.

swet Lakhani

202101218@daiict.ac.in Gender: ☒ Male ☒ Female ☐ Other

asfas .....

abd 9427129636

Submit

Goto-login

**Test 9 :** if user is already registered with a given username, Then it shows msg :-

Register here to receive new recipes and to share your own.

UserName is Taken

Username Last Name

Email Gender: ☒ Male ☐ Female ☐ Other

Password Confirm password

Age Phone Number

Submit

Goto-login

**Test 10 :** after successful registration, it shows

Document x Untitled document - Google Do x ChatGPT x in - Google Search x

127.0.0.1:8000/signup

Register here to receive new recipes and to share your own.

Sign Up is Done Successfully, Please Login

UserName Last Name

Email Gender: ☒ Male ☐ Female ☐ Other

Password Confirm password

Age Phone Number

Submit

Goto-login

70°F Heavy rain Search ENG US 5:57 PM 11/26/2023

**Test 11 :** If any field is taken then it shows message of already taken that field.

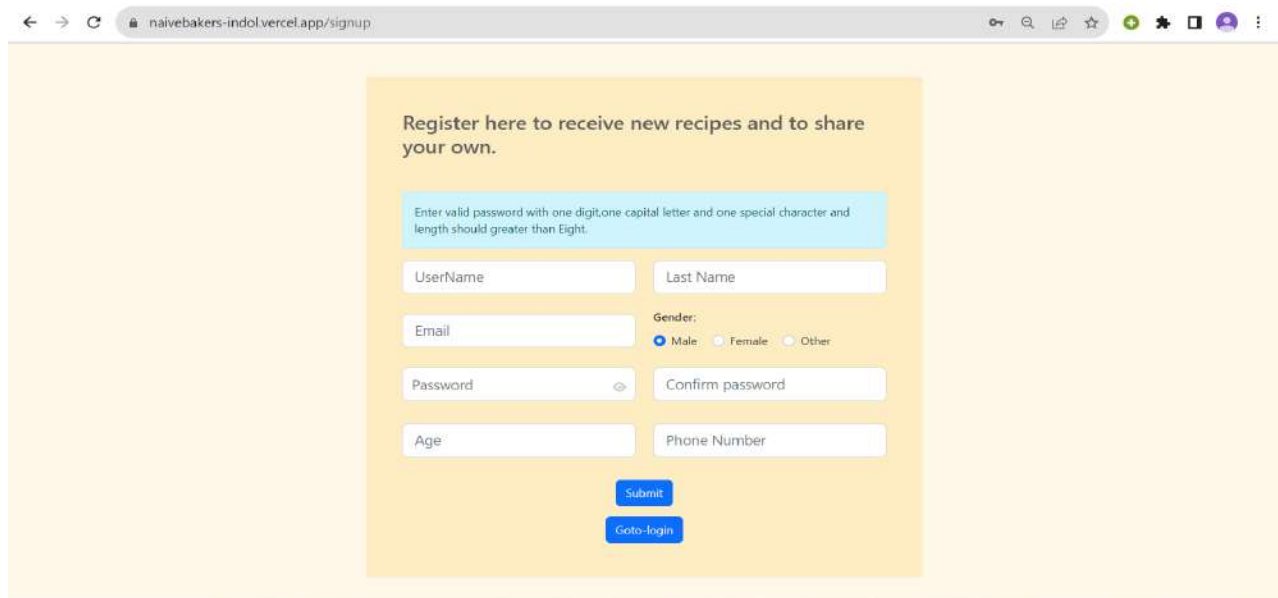
**Test 12 :** By clicking on **Goto-Login** Button, It gets directed to the Login Page Successfully.

# Problem Identified and Resolved:-

## CONSTRAINTS IN SIGN UP PAGE :-

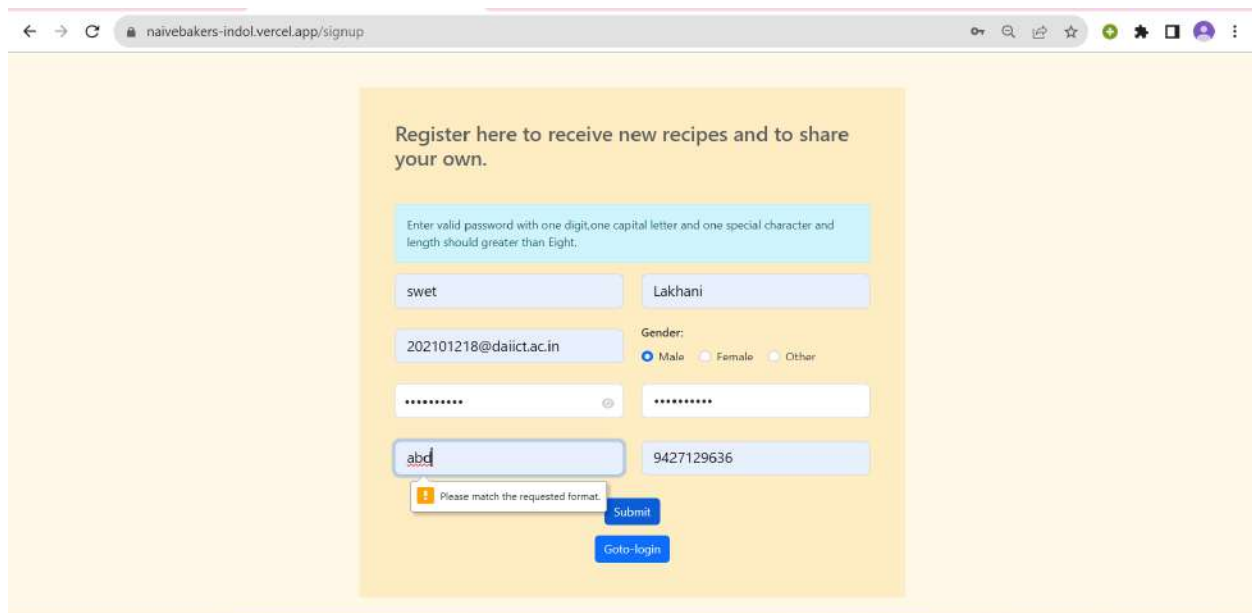
- PASSWORD CONSTRAINTS
- PHONE NUMBER CONSTRAINTS
- AGE CONSTRAINTS

In the First round of GUI Testing, We came to know that SIGN UP Page is not having the above constraints. So, We Informed the Developer Team to add them and thus after adding them, it shows message as below :-



The screenshot shows a web browser window with the URL `naivebakers-indol.vercel.app/signup`. The page has a light yellow background. At the top, it says "Register here to receive new recipes and to share your own." Below this, there is a light blue box with the text: "Enter valid password with one digit, one capital letter and one special character and length should be greater than Eight." The form fields are arranged in two columns. The left column contains: "UserName", "Email", "Password" (with an eye icon), and "Age". The right column contains: "Last Name", "Gender:" (with radio buttons for "Male", "Female", and "Other"), "Confirm password", and "Phone Number". At the bottom of the form, there are two buttons: "Submit" and "Goto-login".

In Age Field, it displays message as below :-



This screenshot shows the same Sign Up page as the previous one, but with some fields filled out. The "UserName" field contains "swet", "Last Name" contains "Lakhani", "Email" contains "202101218@daaiict.ac.in", "Gender" is set to "Male", "Password" and "Confirm password" are masked with "\*\*\*\*\*", and "Phone Number" contains "9427129636". The "Age" field contains "abc". A red error message box is displayed below the "Age" field, stating: "Please match the requested format." The "Submit" and "Goto-login" buttons are still visible at the bottom.



In Phone Number Field, it displays message as below :-

The screenshot shows a web browser window with the address bar displaying `naivebakers-indol.vercel.app/signup`. The page content is a registration form titled "Register here to receive new recipes and to share your own." The form includes fields for first name (filled with "swet"), last name (filled with "patel"), email (filled with "qwerty@daiict.ac.in"), gender (radio buttons for Male, Female, and Other, with Male selected), password (masked with dots), and phone number (filled with "20"). A "Submit" button is present, and a "Goto login" link is at the bottom. A validation error message is displayed above the phone number field: "Please match the requested format. Please enter a valid 10-digit phone number". The Windows taskbar at the bottom shows the time as 6:51 PM on 12/1/2023.

Register here to receive new recipes and to share your own.

swet patel

qwerty@daiict.ac.in Gender: ☒ Male ☐ Female ☐ Other

\*\*\*\*\*

20 sdfdsf

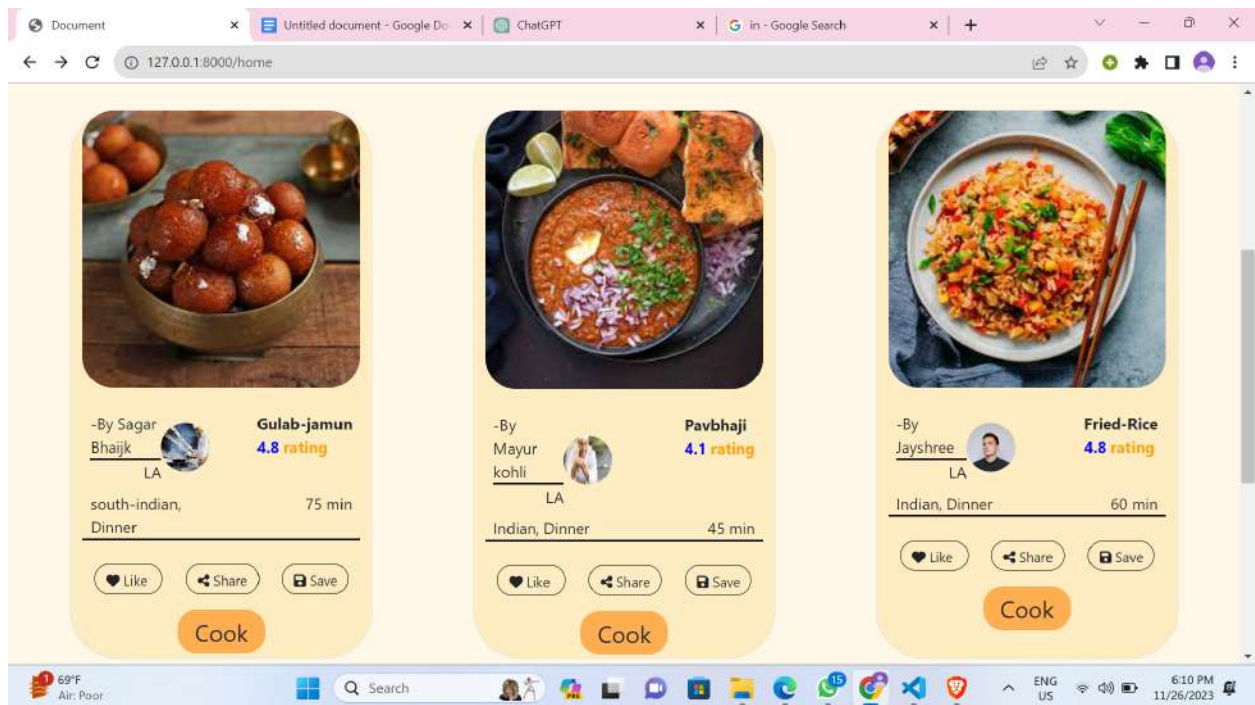
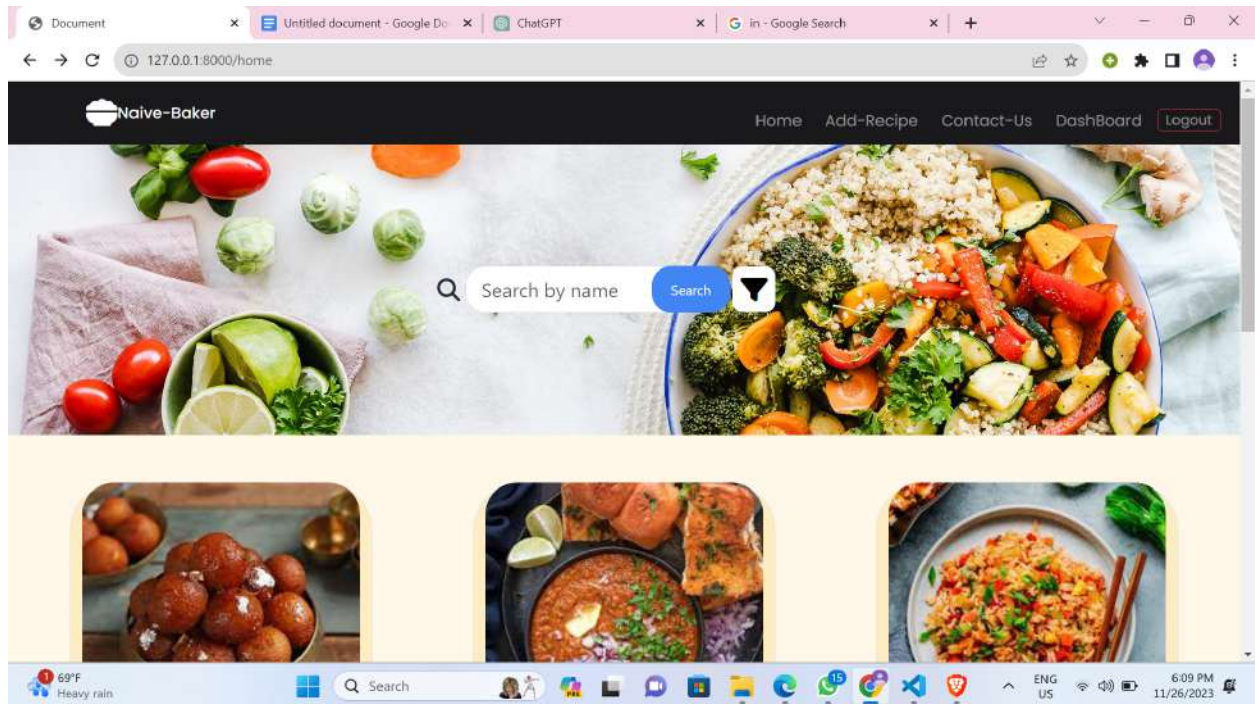
Submit

Please match the requested format.  
Please enter a valid 10-digit phone number

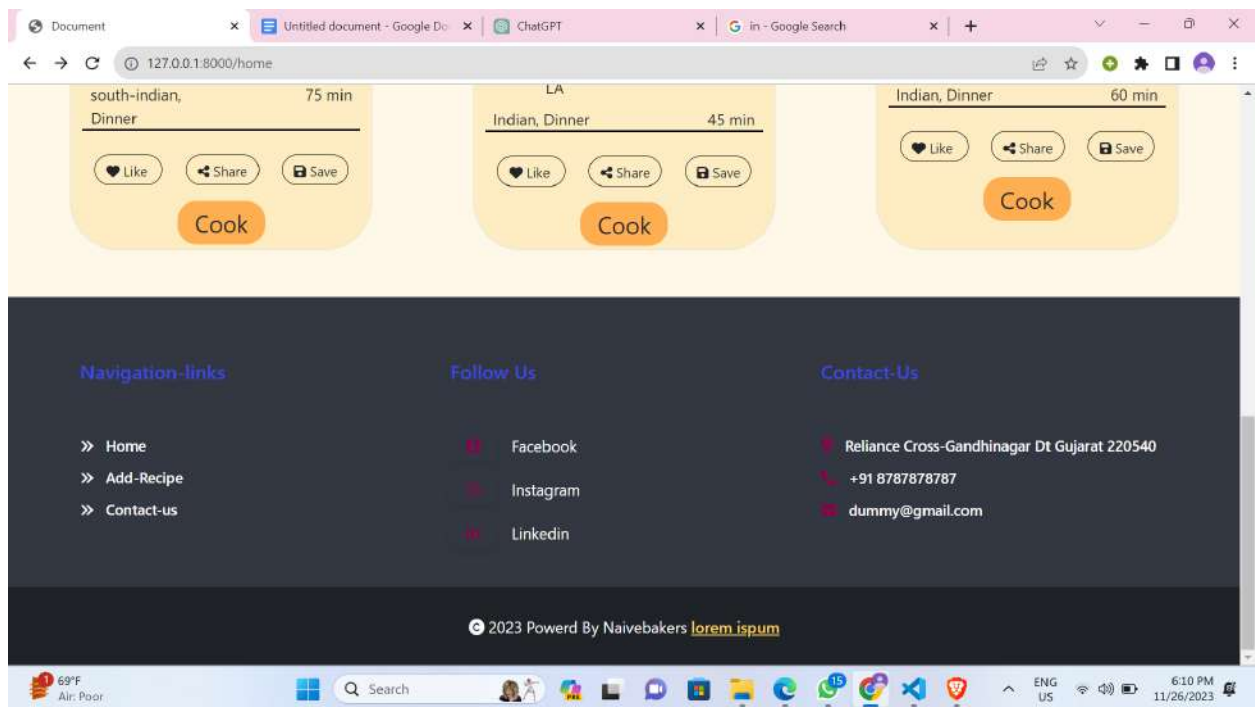
Goto login

# Search Recipe Page :-

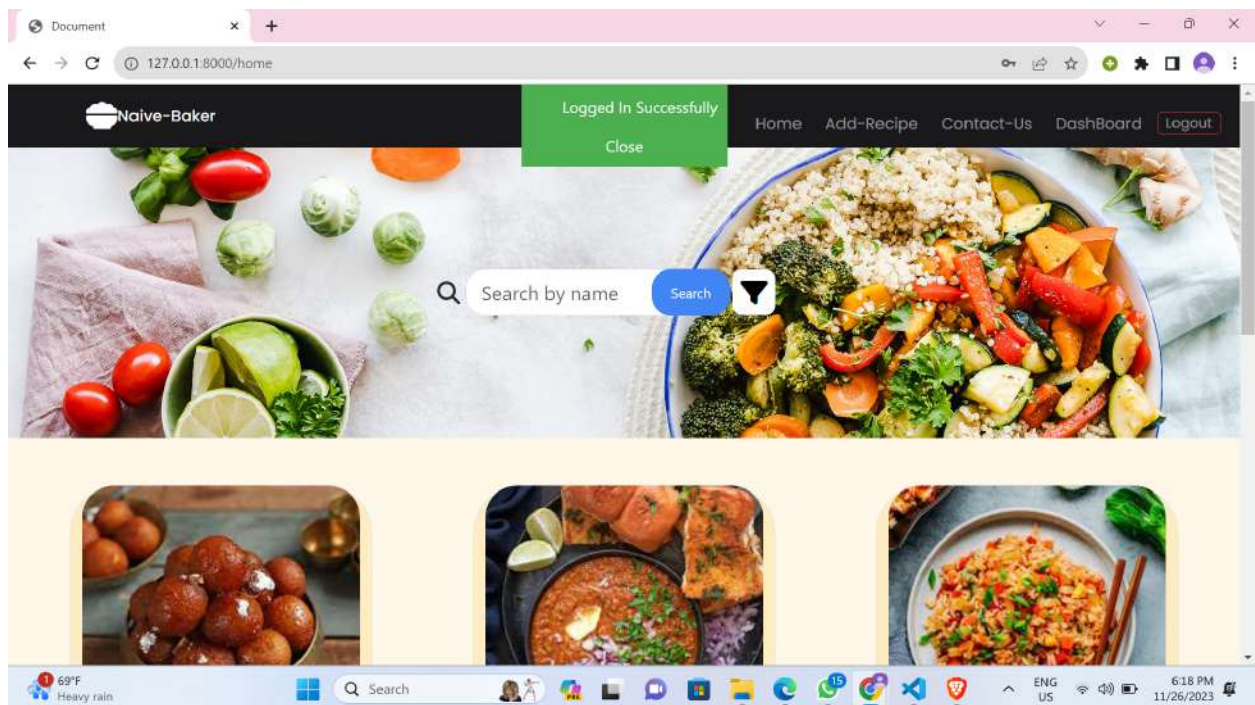
If a valid user login and then Search recipe page opens up quickly.







**Test 1 :** after successful login it shows

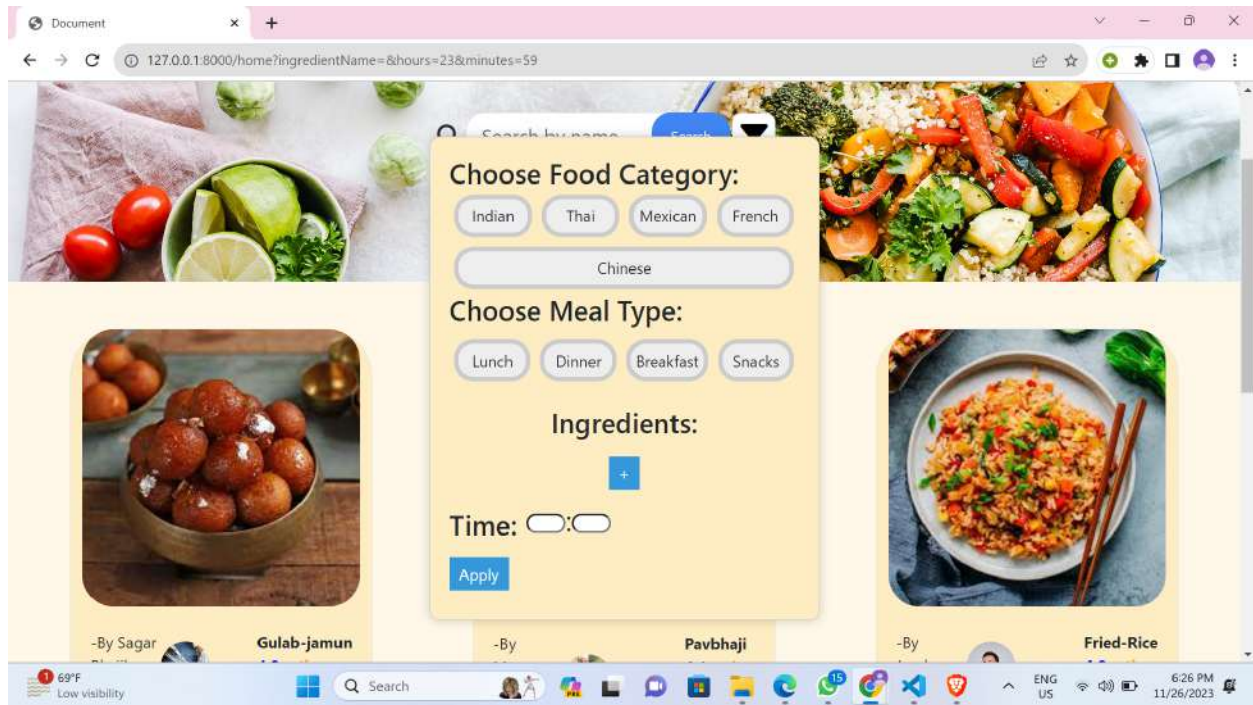


**Test 2 :** In the Header field, various buttons like Home, Add-Recipe, Contact-Us, Dashboard are present. When we click on any of them then it gets directed to the

corresponding page. Also, Logout Button is present. On clicking on it, it quickly directed to the homepage.

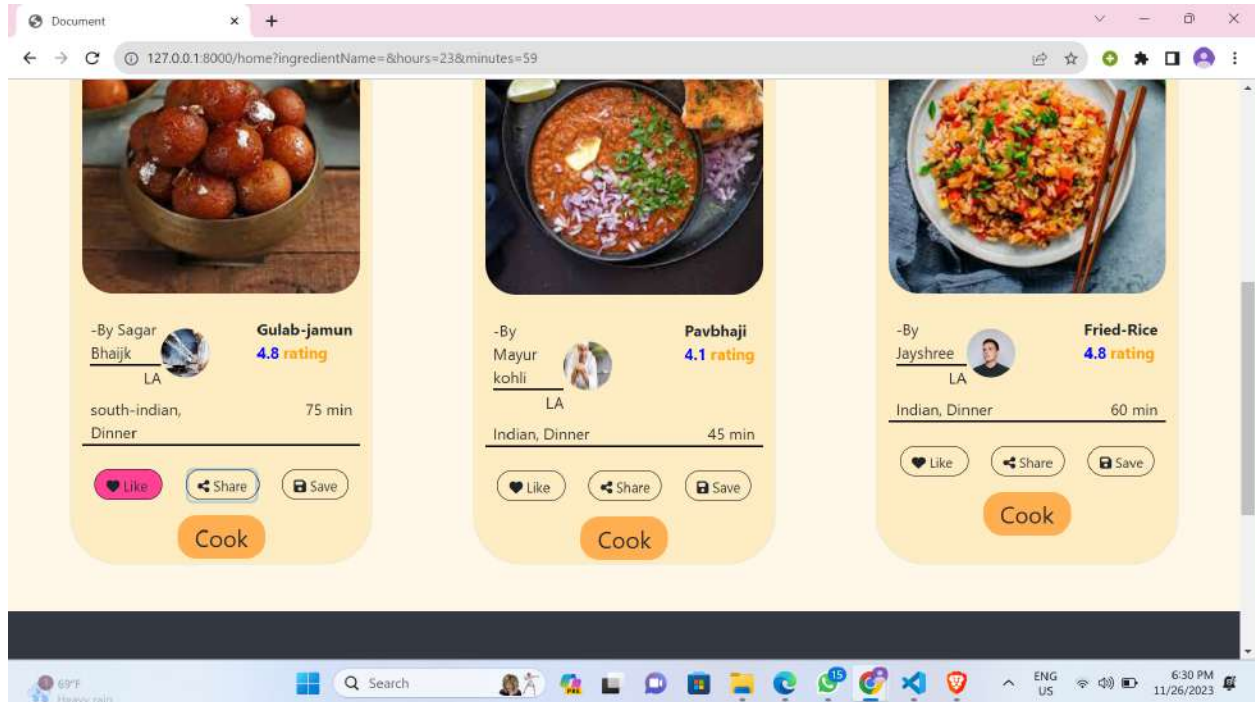
**Test 3 :** We are able to enter in the Search Recipe Field. After Clicking on the Search Button, It show entered recipe or related recipes list.

**Test 4 :** after clicking on filter Icon, Box opens up successfully as shown below.

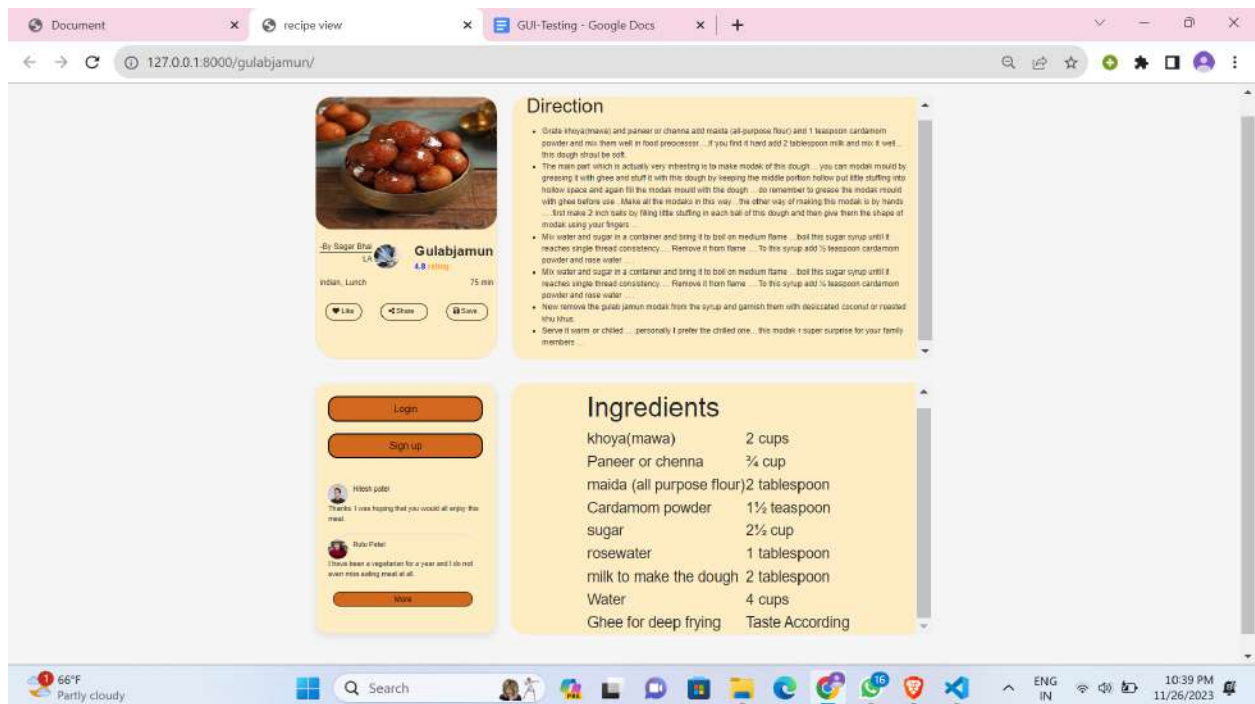


**Test 5 :** we are able to enter and select each and every field in the Filter Recipe and the apply button is also working properly.

**Test 6 :** All recipe cards have buttons Like, Share, Save and Cook are working successfully.



**Test 7 :** After clicking on Cook Button in each recipe card. Complete Recipe information with steps and chef details get opened in a new page.



In this there are Like Share and Save Buttons at Top-Left corner of Page. Each of them Works perfectly.

In the Review Section, **More** Button is Present. By clicking on it, more reviews are visible and scroll bar is also visible and **Less** Button is visible. By Clicking on Less reviews become lesser and the More button is visible again.

**Test 8** : Direction and Ingredients TextBoxes are properly aligned with each other and have correct font and text sizes and color.

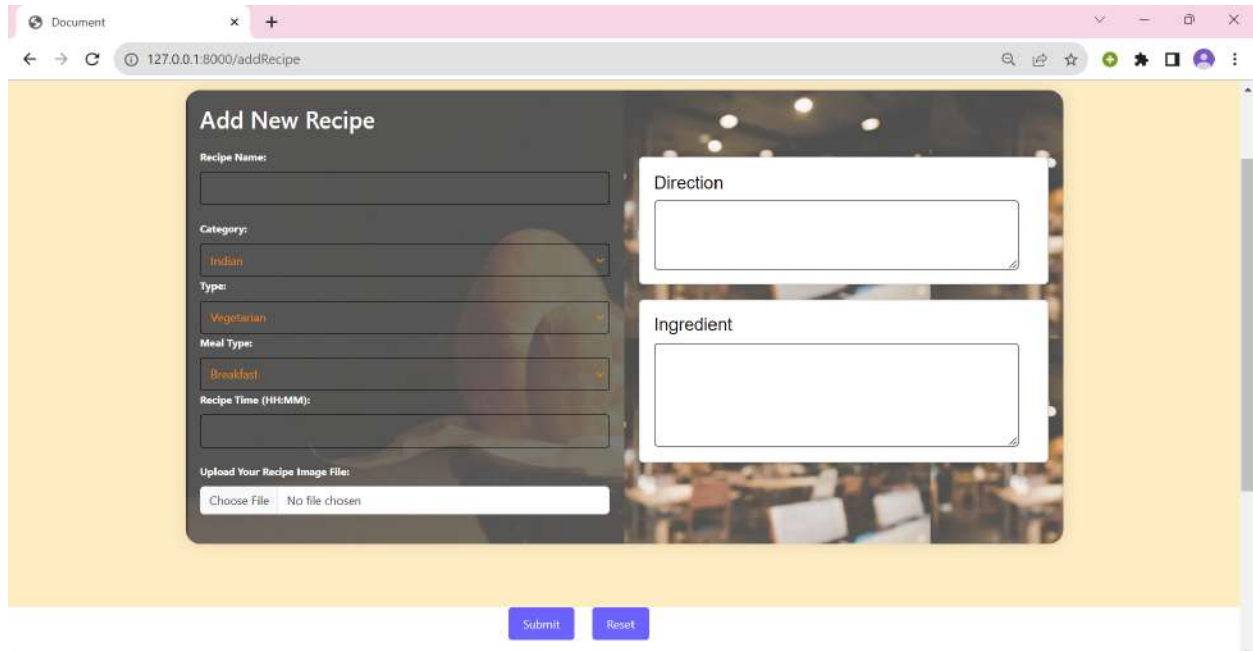
**Test 9** : At the end of Page, Footer is there which has **Navigation Links**, **Follow Us** and **Contact Us** details. In each, various fields are there. On clicking on each it gets directed successfully.



## Add New Recipe Page :-

After Clicking on Add-Recipe Button present on Header. It quickly gets directed as shown :-

All fonts are visible and properly aligned.



Document x + 127.0.0.1:8000/addRecipe

### Add New Recipe

Recipe Name:

Category:

Type:

Meal Type:

Recipe Time (HH:MM):

Upload Your Recipe Image File:  
Choose File No file chosen

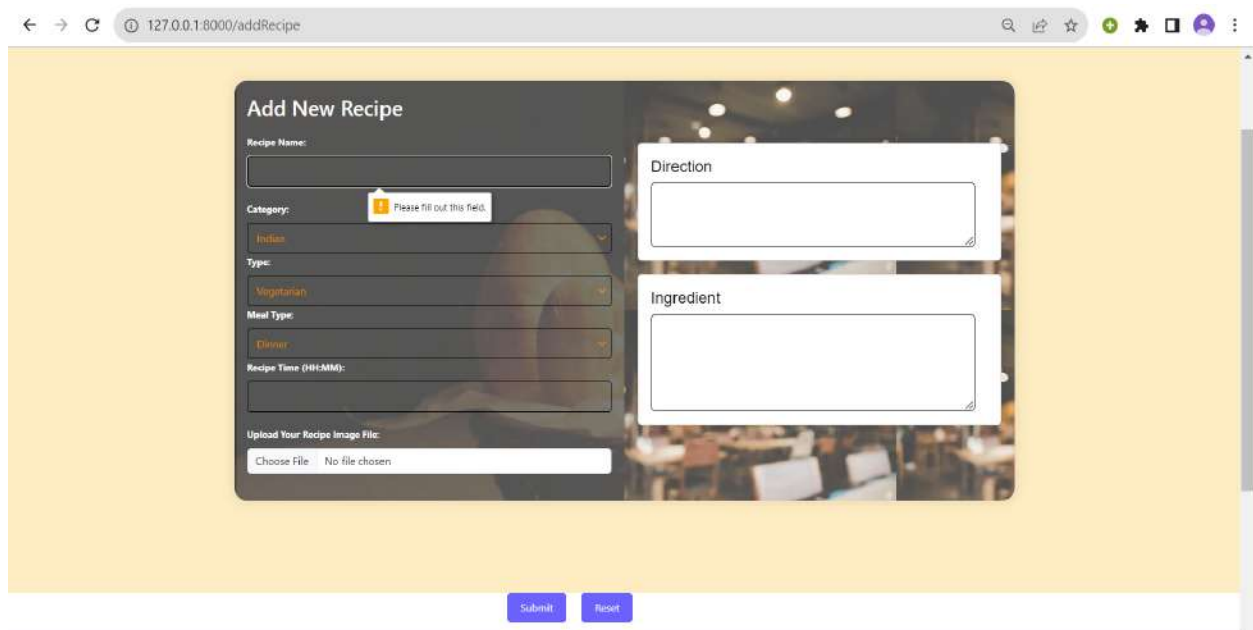
Direction

Ingredient

Submit Reset

**Test 1** : By default, three fields i.e Category, Type, Meal Type are already selected.

**Test 2** : If any field is empty then message pointing to that field is shown as below :



127.0.0.1:8000/addRecipe

### Add New Recipe

Recipe Name:

Category:  Please fill out this field.

Type:

Meal Type:

Recipe Time (HH:MM):

Upload Your Recipe Image File:  
Choose File No file chosen

Direction

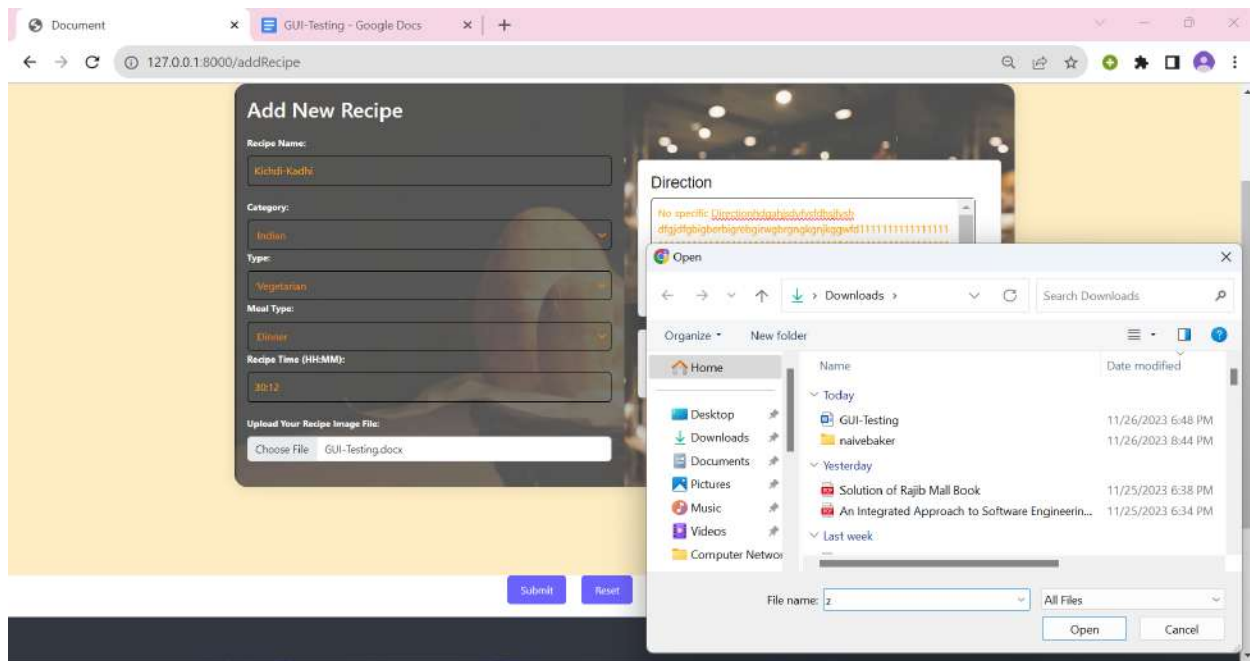
Ingredient

Submit Reset

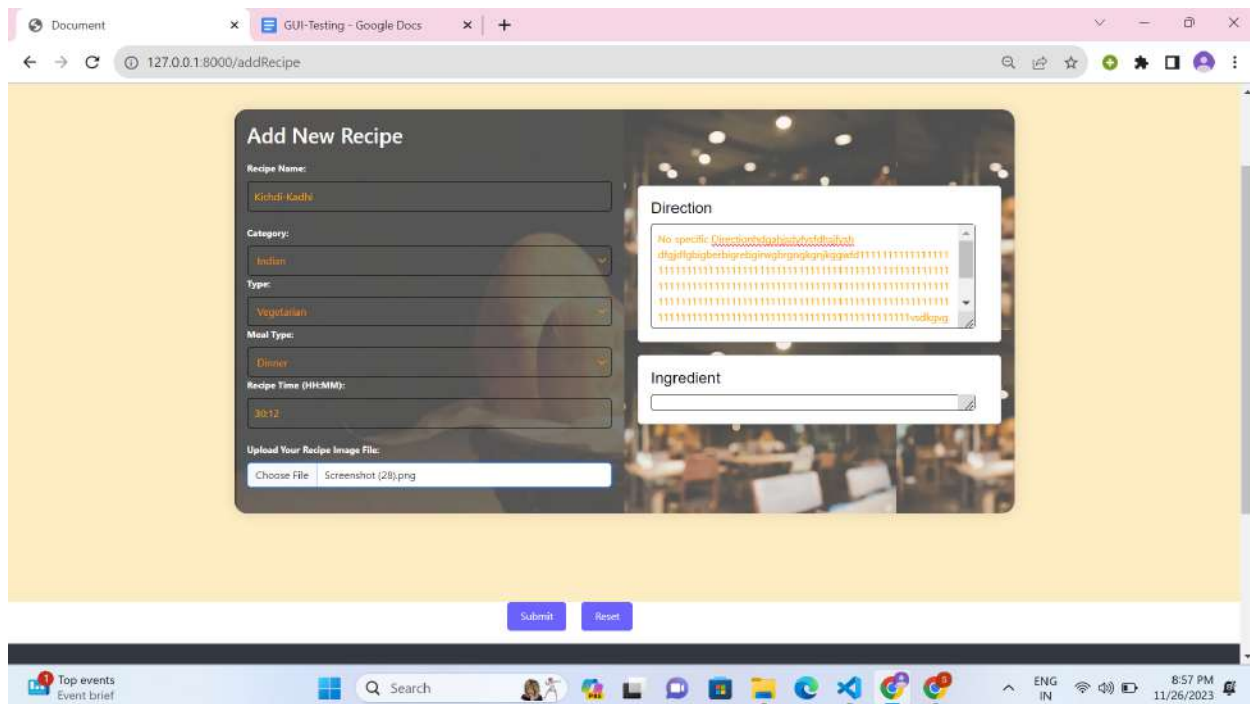
**Test 3 :** Scroll functionality is there in Direction and Ingredient Text-Box Fields.

**Test 4 :** we can increase or decrease the size of TextBoxes as per out next from bottom-right corner of a Text-Box.

**Test 5 :** If we want to upload a Recipe Image then that can be done by clicking on the **Choose File** button which takes us to MY PC as shown below.



Finally, we are able to upload image.

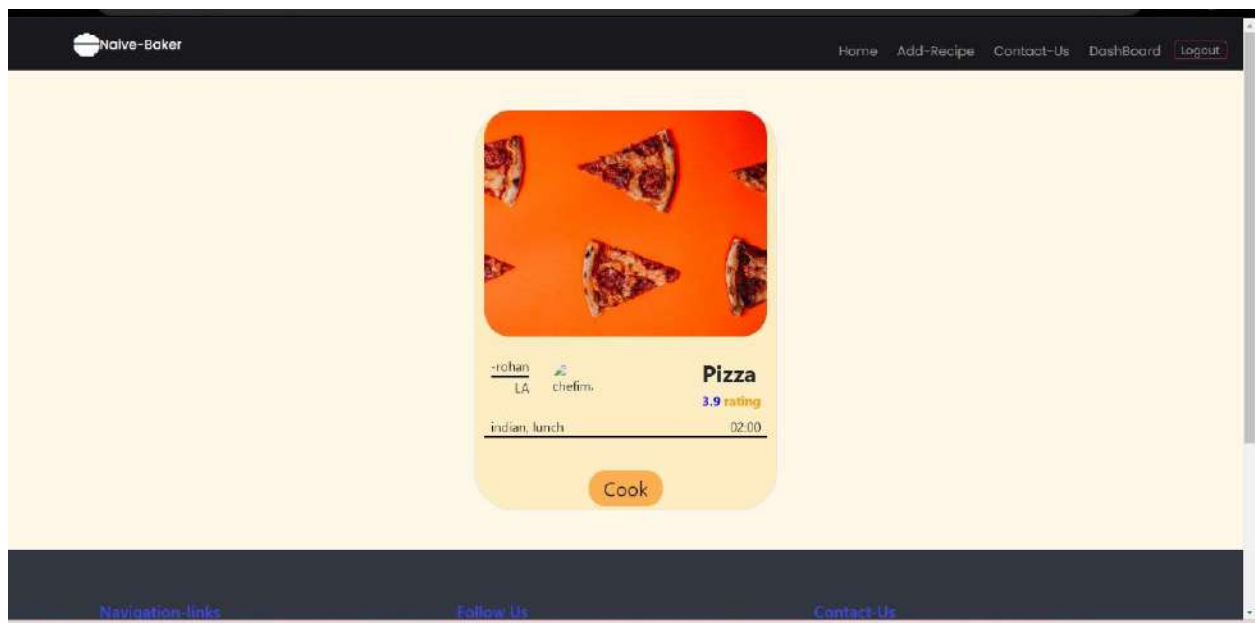


**Test 6** : if we want to re-upload the image/remove it then by clicking again on the Choose File button, we are able to do so.

**Test 7** : after entering all valid details, if we click on the submit button then that recipe gets saved in our Profile section under My Recipes.

By going to the Profile Page from Header Field, it opens up quickly with a profile card having two buttons of My Recipes and Saved Recipes. All these buttons are properly aligned and by clicking on each of them. They redirect to their corresponding pages.

After saving recipes successfully, it is shown in profile section as Newly Added Recipe :-



**Test 8** : After Clicking on Reset Button all fields gets empty except three fields which are Category, Type and Meal Type which are by default selected.

# Contact-Us Page :-

After Clicking on the **Contact-Us** Button present on Header Area at Top-right side, it opens up quickly as shown below.

Naive-Baker

Home Add-Recipe Contact-Us DashBoard Logout

### Send us a message

Contact us today, and get reply within 24 hours!

Name

Email

recipe\_name

phone number

Reason for Contact: select query

Type your review here

Submit

### Contact us

We're open for any suggestion or just to have a chat

Address: Daiict college, Reliance Cross Rd, Gandhinagar, Gujarat 382007

Phone: + 1235 2355 98

Email: info@yoursite.com

Website: naviebaker.com

**Test 1 :** If we try to directly Submit the Form then it shows

Naive-Baker

Home Add-Recipe Contact-Us DashBoard Logout

### Send us a message

Contact us today, and get reply within 24 hours!

Name

Email

recipe\_name

phone number

Reason for Contact: select query

Type your review here

Submit

### Contact us

We're open for any suggestion or just to have a chat

Address: Daiict college, Reliance Cross Rd, Gandhinagar, Gujarat 382007

Phone: + 1235 2355 98

Email: info@yoursite.com

Website: naviebaker.com



**Test 2 :** if we enter email address in email field without @ symbol then it shows msg as below :-

**Test 3 :** If entered @ in email field but after @ part is missing then it shows

**Test 4 :** recipe name and Type of Review section are not mandatory but phone number is mandatory.

**Test 5 :** Reason for Contact Field is having a selection option. Eg. to select General query or Feedback or Other thing as shown below.

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:8000/contact'. The browser has two tabs: 'contact form' and 'GUI-Testing - Google Docs'. The website is 'Naive-Baker', with a navigation bar containing links for 'Home', 'Add-Recipe', 'Contact-Us', 'DashBoard', and a 'Logout' button. The main content area is divided into two sections. The left section, titled 'Send us a message', includes a sub-header 'Contact us today, and get reply within 24 hours!'. It contains four text input fields labeled 'Name', 'Email', 'recipe\_name', and 'phone number'. Below these is a dropdown menu for 'Reason for Contact' with the current selection 'select query'. The dropdown menu is open, showing three options: 'General Query', 'Feedback', and 'Other'. Below the dropdown is a text area labeled 'Type your review here' and a yellow 'Submit' button. The right section, titled 'Contact us', has the text 'We're open for any suggestion or just to have a chat'. It lists contact information: 'Address: Daiict college, Reliance Cross Rd, Gandhinagar, Gujarat 382007', 'Phone: + 1235 2355 98', 'Email: info@yoursite.com', and 'Website: naviebaker.com'. The Windows taskbar at the bottom shows the search bar, several application icons, and system status icons on the right indicating 'ENG IN', signal strength, and the time '9:56 PM 11/26/2023'.

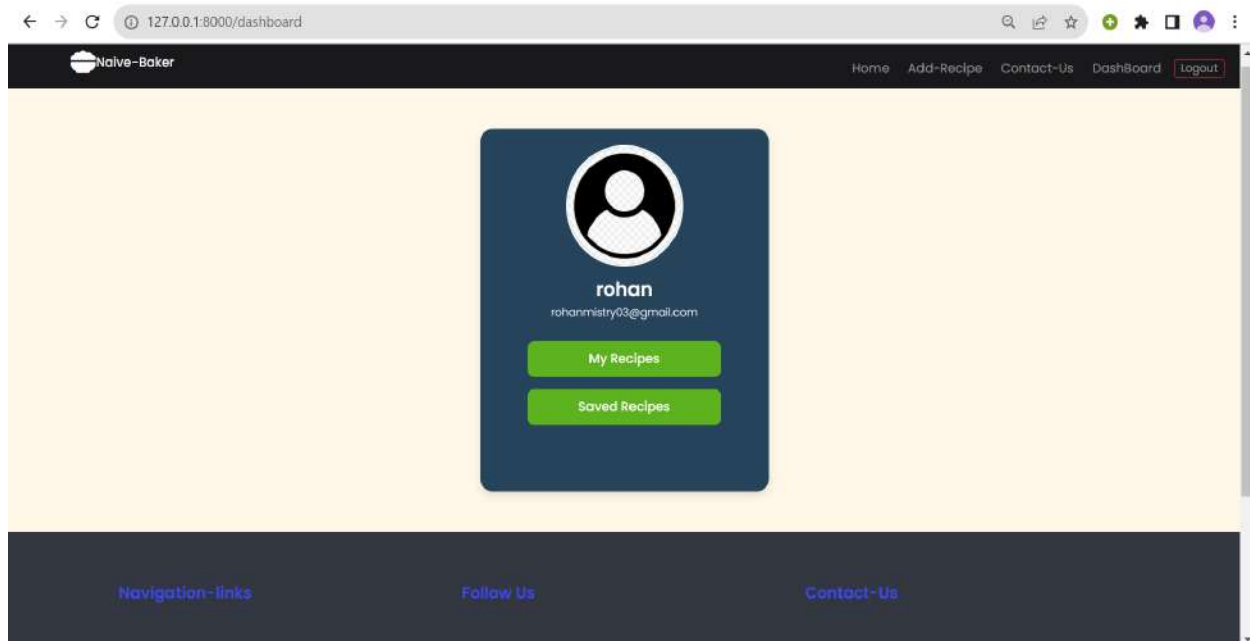
**Test 6 :** All fields are easily accessible and works properly.

**Test 7 :** On the right side, the Address field is given. Below it, Phone, Email and Website are given. On clicking on each of them. It gets directed to open other corresponding fields.

**Test 8 :** Font size and Color of all text perfect.

## DashBoard Page (Profile Page) :-

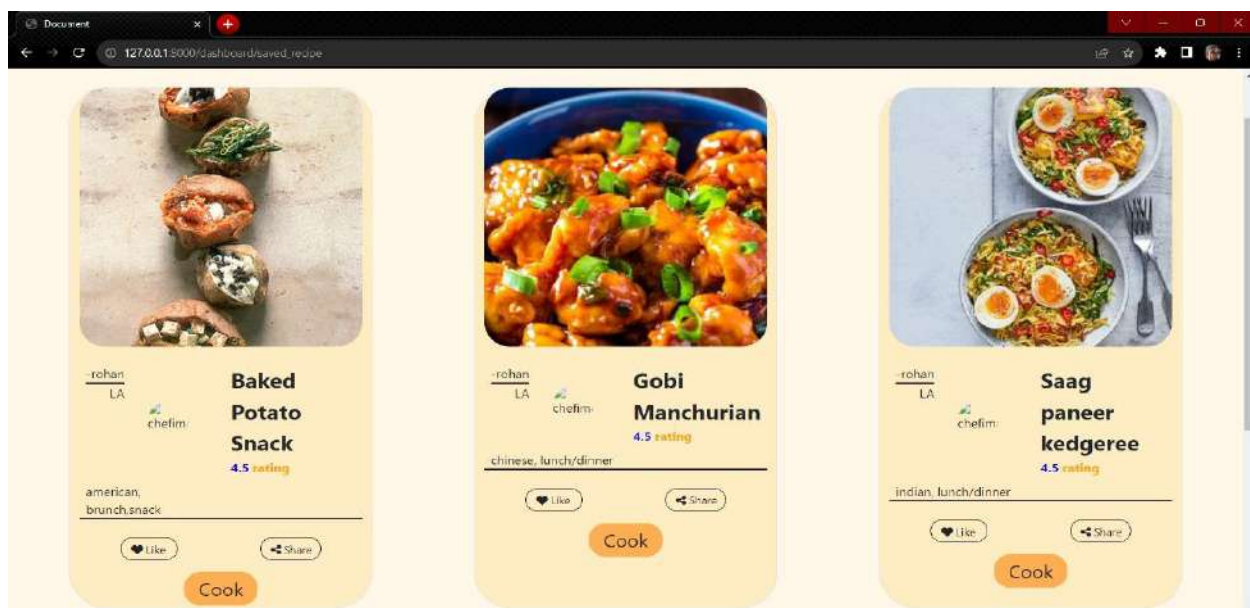
By clicking on **DashBoard** Button present on Top-Right corner of Header Area, it directs to Profile Page as shown below :-



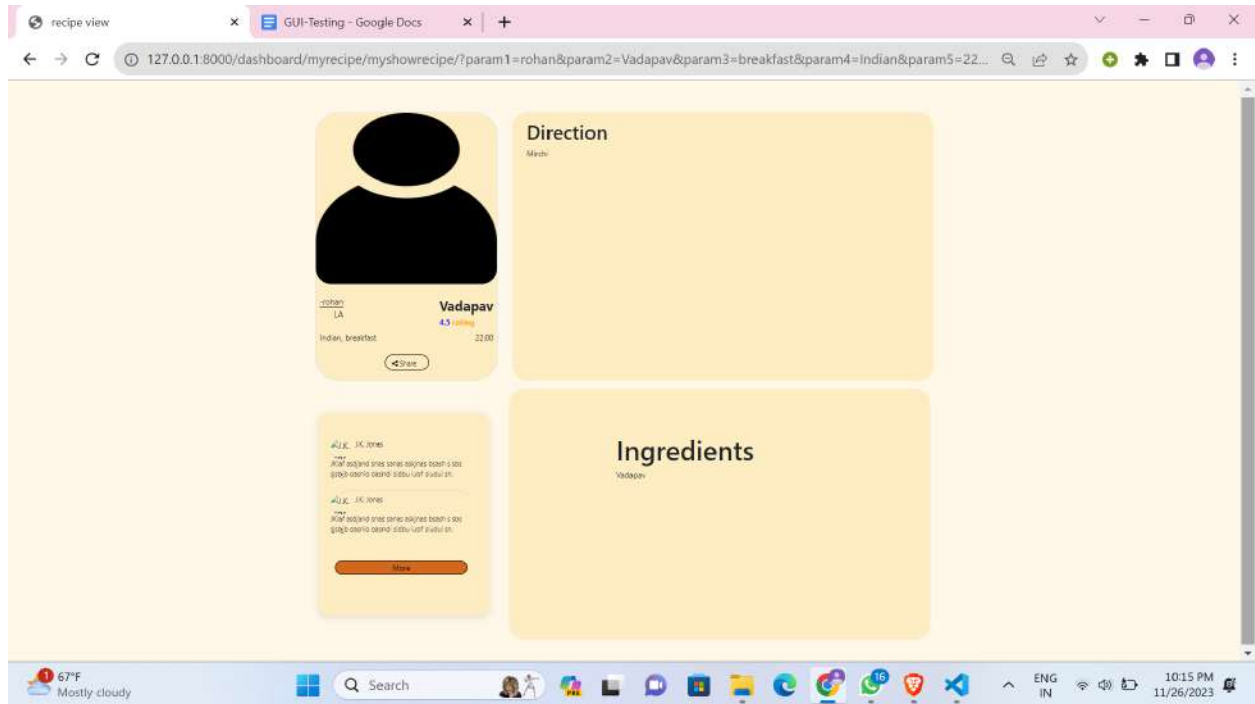
**Test 1** : It contains a Profile card with the name of person and below it is his/her email address.

**Test 2** : After Email, Two Buttons **My Recipes** and **Saved Recipes** are present.

**Test 3** : After Clicking on My Recipes Button, it directs to My Recipes section as shown below :-



**Test 4 :** On clicking on Cook Button on any one of the My Recipes, it gets directed to that Recipe page as shown below :-

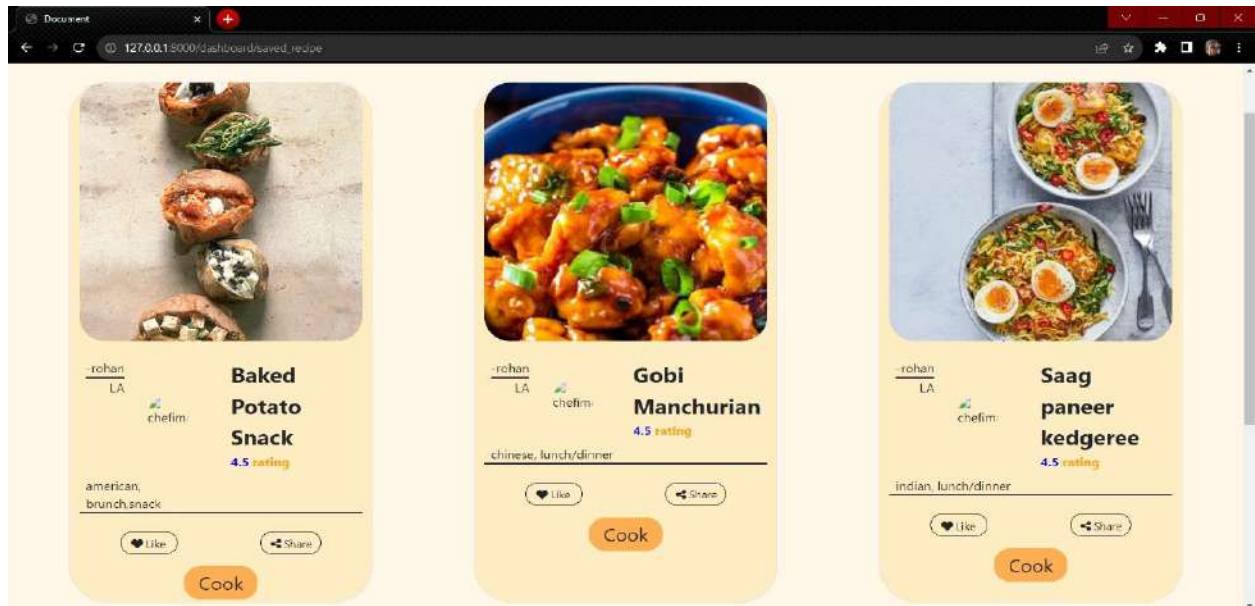


**Test 5 :** Here **Share** Button is working Properly. As by clicking on it, Link gets copied.

**Test 6 :** In the Review Section, **More** Button is Present. By clicking on it, more reviews are visible and scroll bar is also visible and **Less** Button is visible. By Clicking on Less reviews become lesser and the More button is visible again.

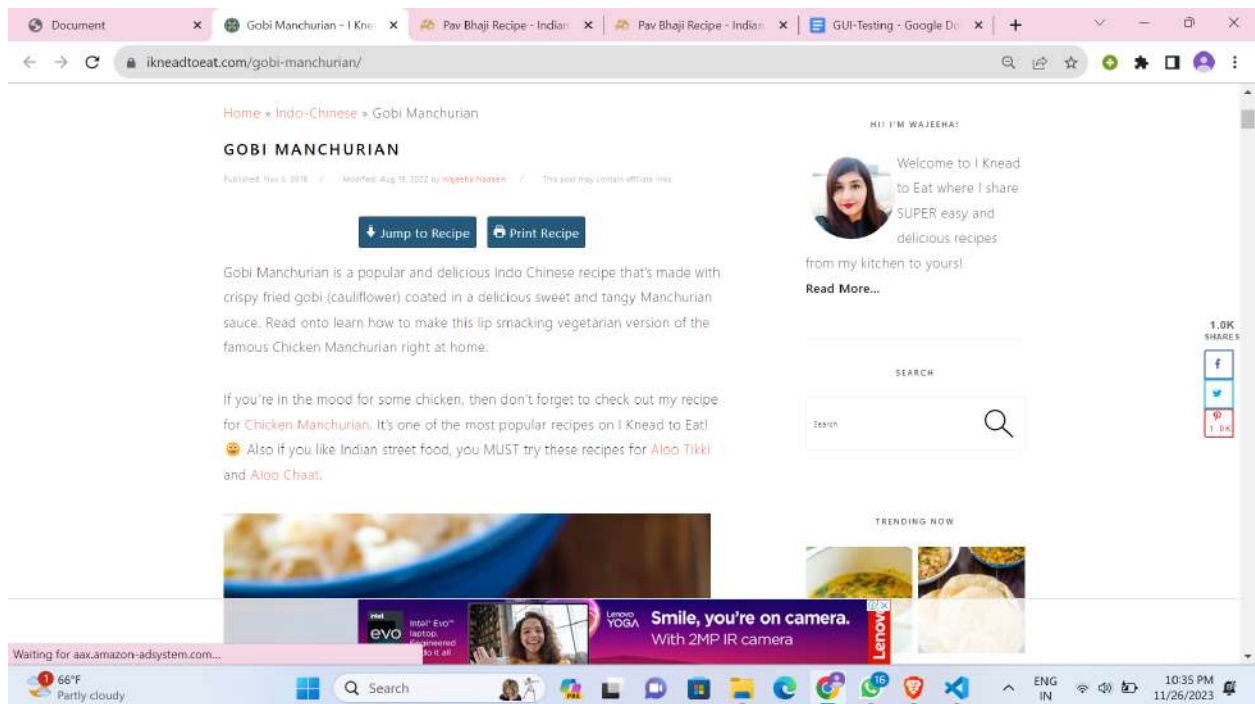
**Test 7 :** Direction and Ingredients TextBoxes are properly aligned with each other.

**Test 8 :** By Clicking on **Saved Recipes** Button, It gets directed to page as shown below :-



**Test 9 :** There are many Recipe Cards. Each has a **Like** and **Share** Button. They are working properly. And Text and Other Details are properly Aligned and Visible Clearly.

**Test 10 :** On Clicking on **Cook** Button of a particular profile card, it gets redirected to the Recipe Information Page.



## RESPONSIVENESS CHECK :-

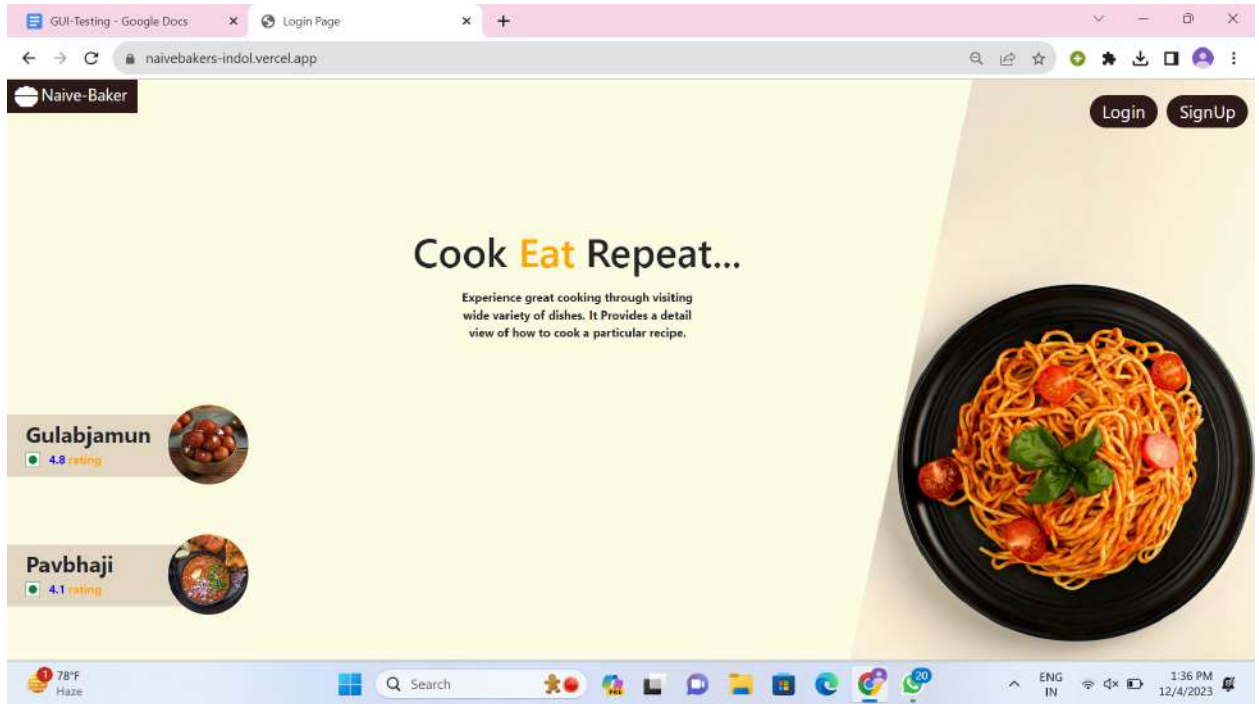
RESPONSIVENESS VERIFIED BY INSPECTING EACH PAGE BY MAKING DIMENSIONS THAT OF IPHONE SE, IPHONE XR, IPHONE 12 PRO, IPHONE 14 PRO MAX, PIXEL 7, SAMSUNG GALAXY S8+, SAMSUNG GALAXY S20 ULTRA, IPAD MINI, IPAD, AIR, IPAD PRO, SURFACE PRO 7, SURFACE DUO, GALAXY FOLD, SAMSUNG GALAXY A51/71, NEXT HUB, NEXT HUB MAX.

PAGE	RESPONSIVE / NON-RESPONSIVE
HOME PAGE	RESPONSIVE
LOGIN PAGE	RESPONSIVE
SIGN UP / REGISTER PAGE	RESPONSIVE
SEARCH RECIPE PAGE	RESPONSIVE
ADD NEW RECIPE PAGE	RESPONSIVE
PROFILE PAGE	RESPONSIVE
MY RECIPE PAGE	RESPONSIVE
SAVED RECIPE PAGE	RESPONSIVE
FORGOT PASSWORD PAGE	RESPONSIVE
RESET PASSWORD PAGE	RESPONSIVE
RECIPE DETAIL PAGE (ABOUT PARTICULAR RECIPE)	RESPONSIVE
CONTACT US PAGE	RESPONSIVE FOR DESKTOP SCREEN BUT NON-RESPONSIVE FOR MOBILE SCREEN

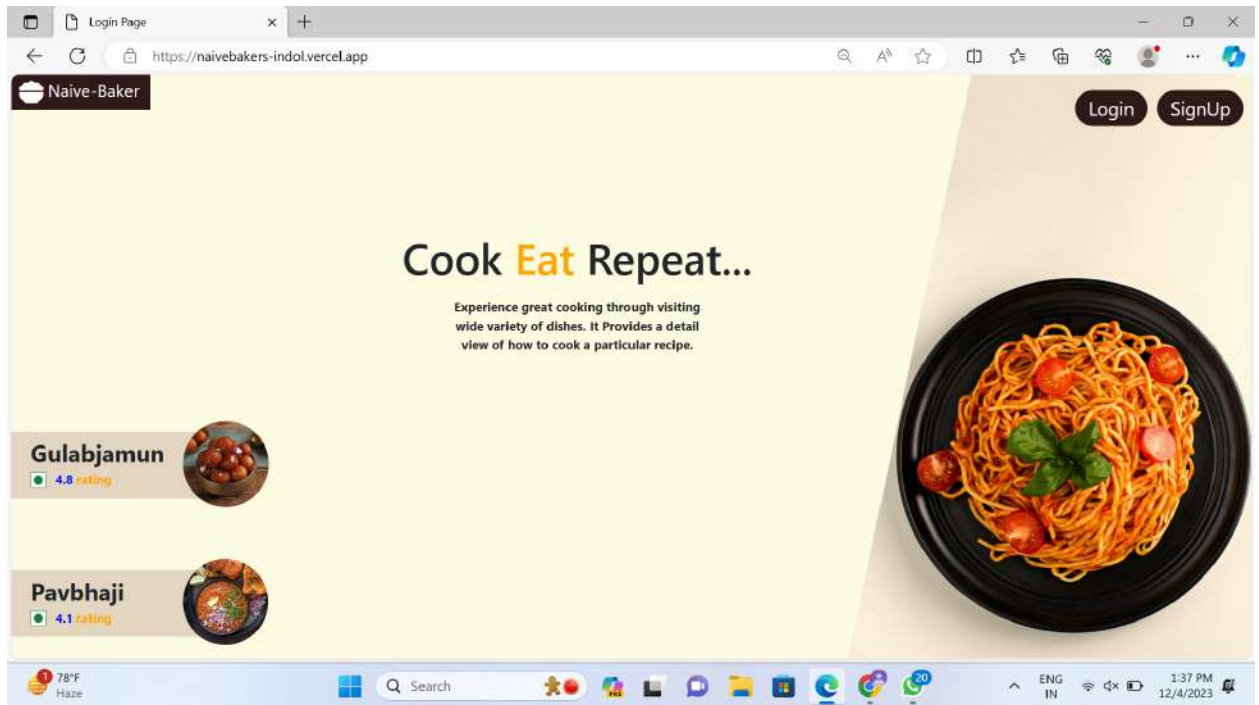


# PORTABILITY IN VARIOUS DEVICES :-

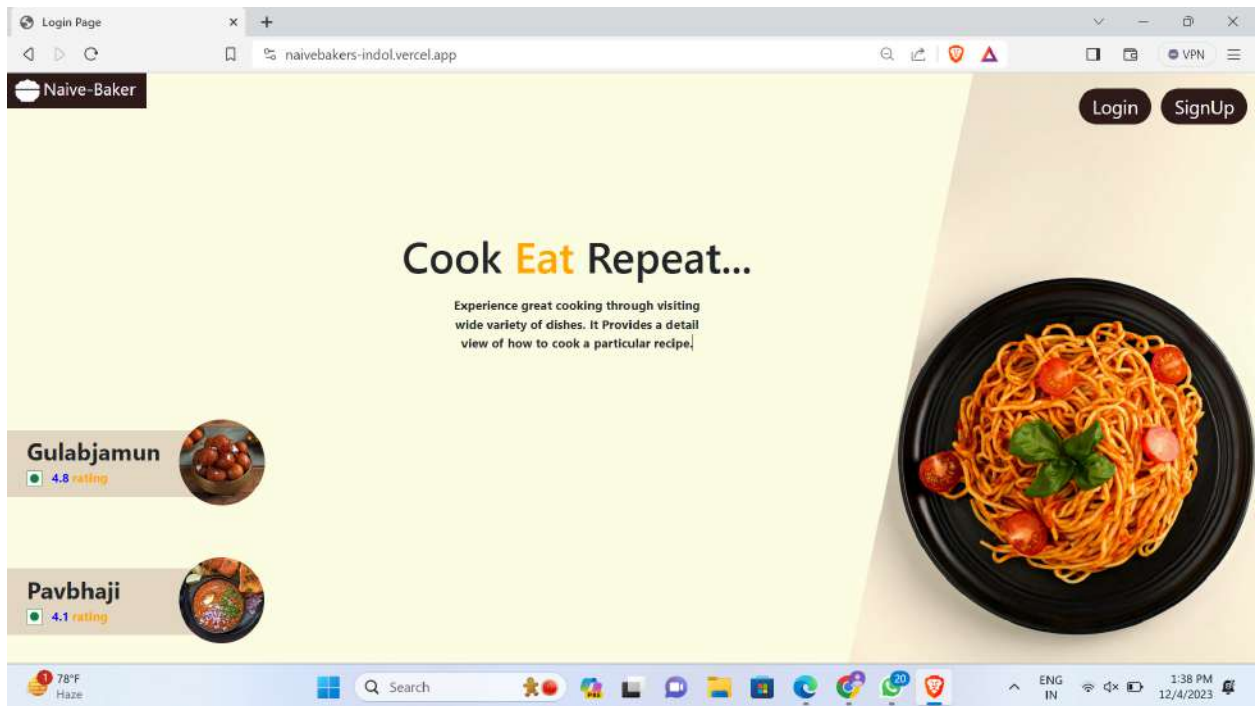
## 1) In Google Chrome



## 2) In Microsoft Edge



### 3) In Brave



### 4) In Mobile





# REPORT OF GUI-TESTING:-

## PROBLEMS IDENTIFIED AFTER FIRST ROUND OF GUI TESTING :-

- 1) On the Homepage, When we were clicking on **SIGN UP Button**, it was not directed to the **SIGN UP** Page.
- 2) Also on **SIGN UP** Page, **Goto-login Button** is directing to the Homepage, Actually it should direct to **Login Page**.
- 3) Constraints of Password, Contact Number and Age were not added on **SIGN UP** page
- 4) Constraints of Phone Number Field in **Contact Us** Page
- 5) Also on Contact Us Page, **Reason for Contact** drop-down field not selected then also it gets submitted.

**Above Problems were discussed with the Developer Team and they resolved these Issues.**