

# Email Application

CSC640 Fall 2020



## **Team members:**

Aishwarya Gouri - 880297521

Rohith Rangineni – 883356447


Sanam Khalili – 880994710

# Scenarios

## 1. Create User account use case:

URL: <http://localhost:5000/Signup>

- a. User U1 tries to create an account for the first time by providing all the details and information after clicking on the register button. U1 exits.
- b. User U2 tries to create an account for the first time by providing all the details and information after clicking on the register button. U2 exits.
- c. User U3 tries to create an account for the first time by providing same email ID as U2, but U3 is unable to registers. U3 changes the information and registers. U3 account created. U3 exits.



# SIGN IN

First Name

Enter First Name

Last Name

Enter Last Name

Email

Enter Email

Password


Enter password

Confirm Password

Enter password again

Date of birth

mm/dd/yyyy



Phone Number

Enter Phone Number

Gender

☒ Male

☐ Female

Register

localhost:5000 says

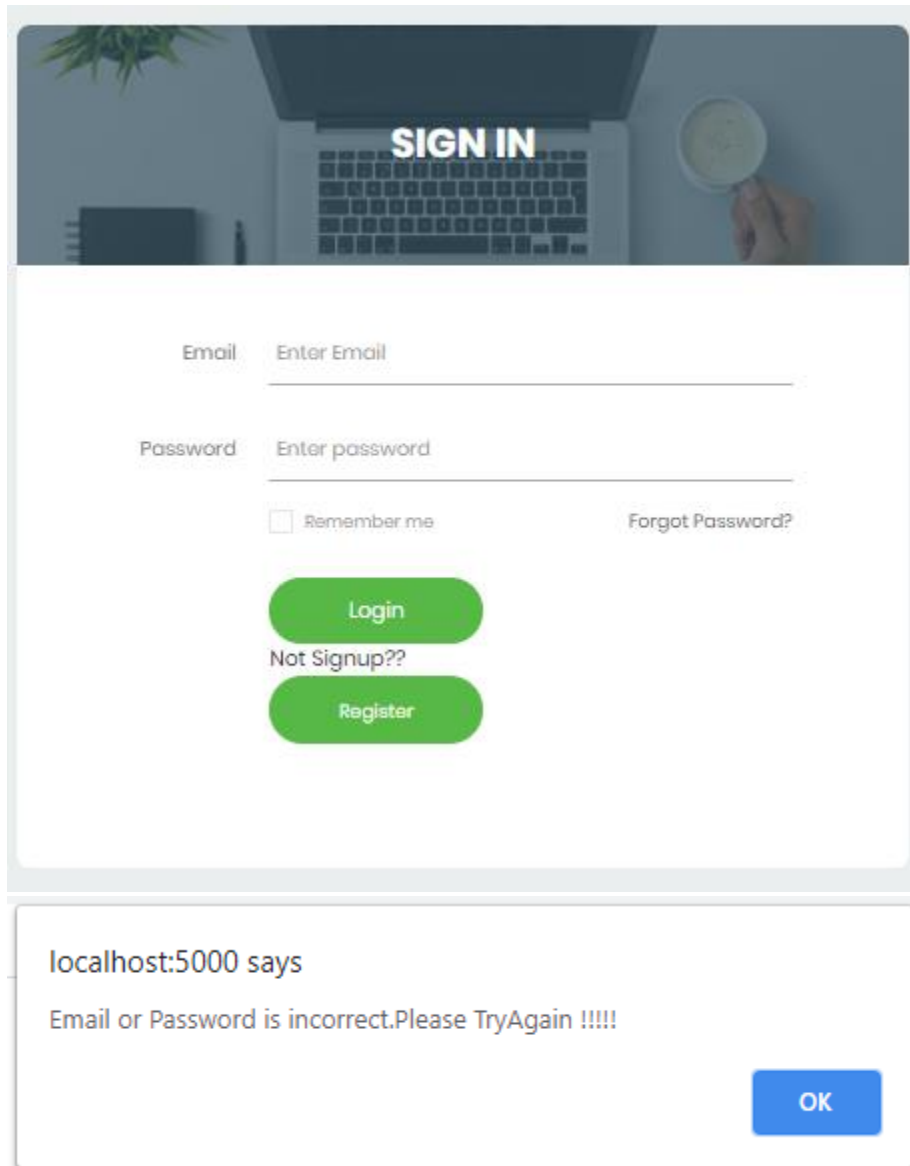
Account exists on same email!

OK

## 2. User login use case:

URL - <http://localhost:5000/>

- User U1 enters the login credentials and logs in to the account. U1 exits.
- User U2 enters the wrong login credentials. Website shows error and U2 requests for a password.
- U2 gives the required information for forgot password and gets the credentials. U2 logs into the account. U2 exits.
- User U4 tries to login but cannot since U4 did not create an account.



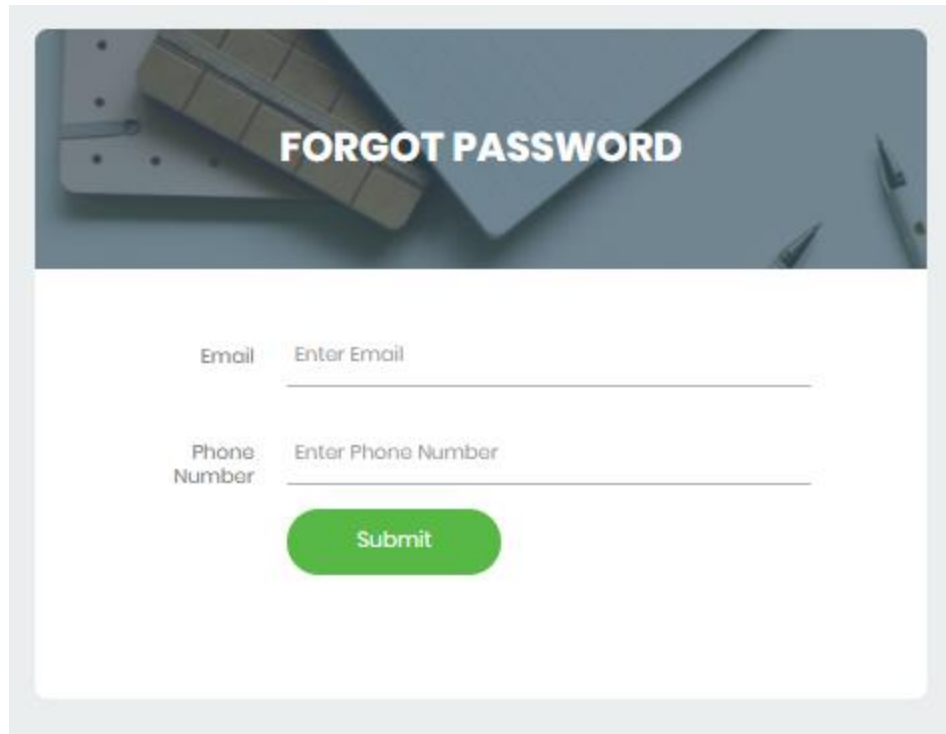
The image shows a web application interface. At the top, there is a header image with the text "SIGN IN" overlaid. Below the header, there is a login form with the following elements:

- Email input field with placeholder text "Enter Email".
- Password input field with placeholder text "Enter password".
- A checkbox labeled "Remember me".
- A link labeled "Forgot Password?".
- A green "Login" button.
- A link labeled "Not Signup??" below the Login button.
- A green "Register" button below the "Not Signup??" link.

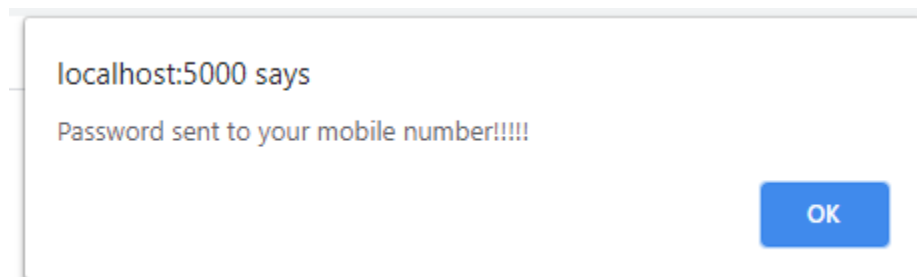
Below the login form, there is a white box with a grey border containing an error message:

localhost:5000 says  
Email or Password is incorrect.Please TryAgain !!!!!

At the bottom right of the error message box is a blue "OK" button.



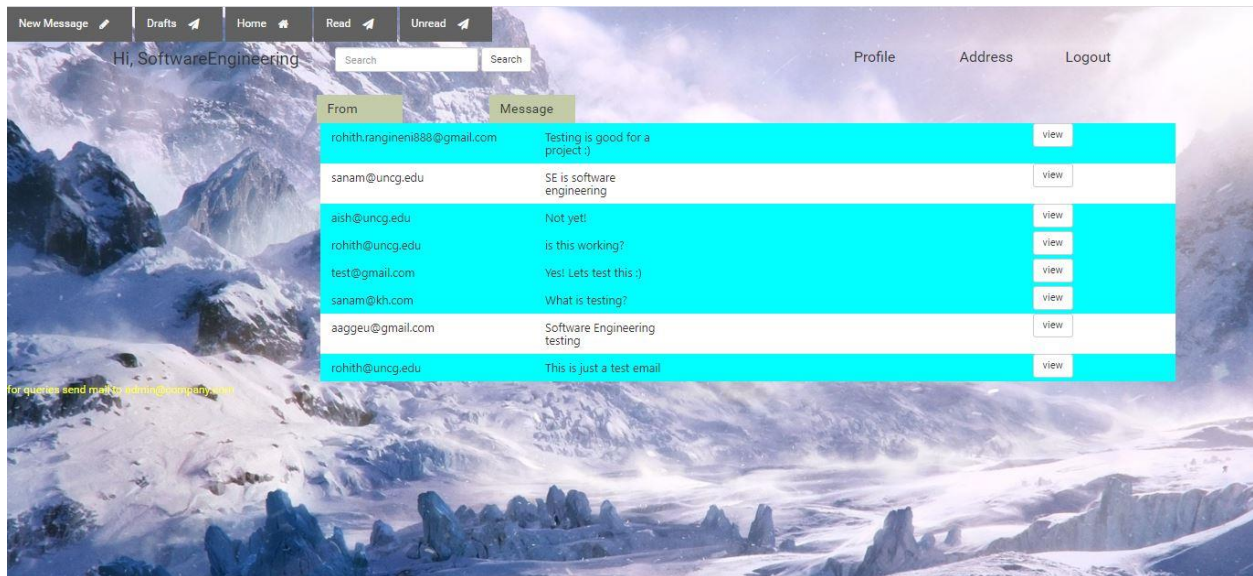
A web form titled "FORGOT PASSWORD" with a header image showing a keyboard and a pen. The form contains two input fields: "Email" with the placeholder text "Enter Email" and "Phone Number" with the placeholder text "Enter Phone Number". Below these fields is a green "Submit" button.



A success message dialog box with a white background and a thin border. It contains the text "localhost:5000 says" and "Password sent to your mobile number!!!!". A blue "OK" button is located in the bottom right corner.

**3. User Interface for Send email use case:**

- a. U1 logs into the account and composes an email to U2. U1 sends email to U2 by providing the email and clicks on send email. Email sent.
- b. U1 composes multiple emails to multiple users and sends email one after the other. U1 exits.
- c. U2 logs into the account and composes an email to other users and clicks on send email. Email sent. U2 exits.



Send Mail

To

From:

se@640.com

Subject

Enter message

Cancel

Send

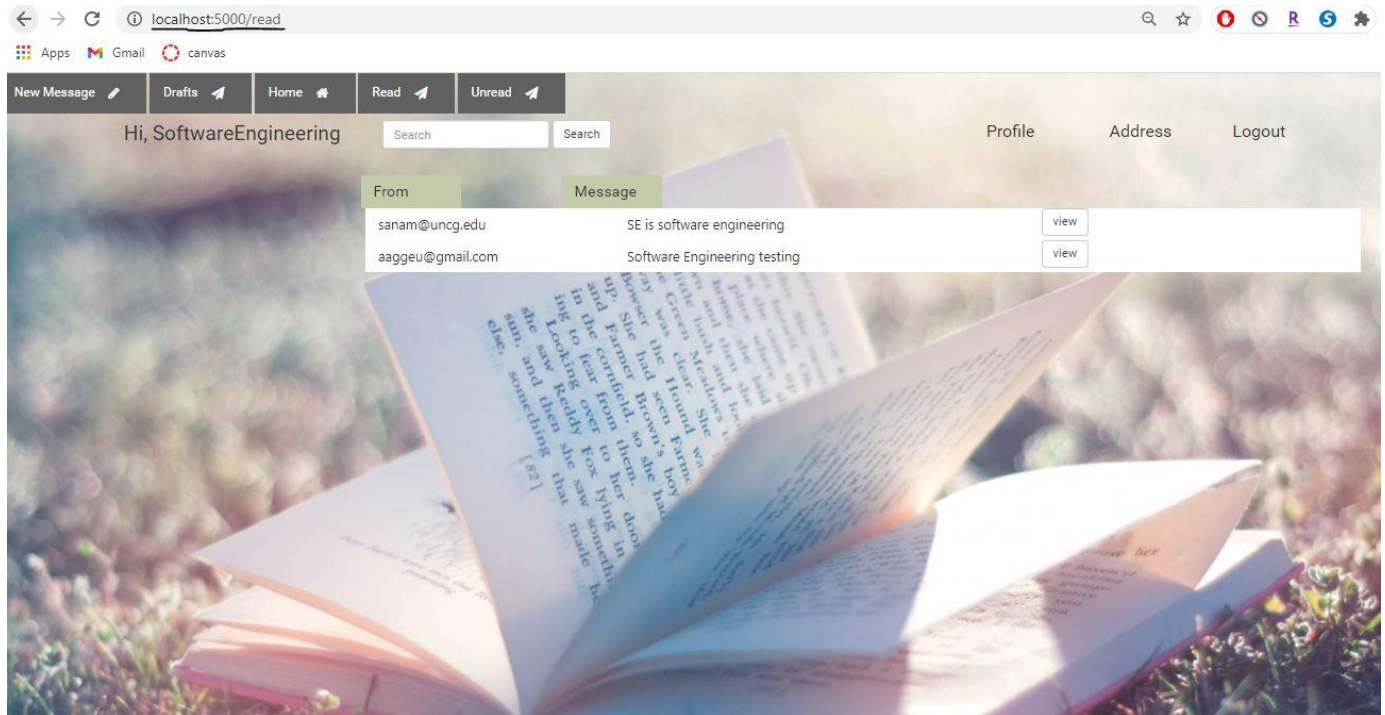
Draft

#### 4. User Interface for Read email Use case:

URL - <http://localhost:5000/read>

- U1 logs into the account and home page displays all the emails. Clicking on the Read button, website shows all the read emails together. U1 exits.

- b. U2 logs into the account and home page displays all the emails. Clicking on the Read button, website shows all the read emails of U2. U2 views the emails by clicking on the view button. U2 exits.



## Message

From : sanam@uncg.edu

To : se@640.com

Subject : SE

Message : SE is software engineering

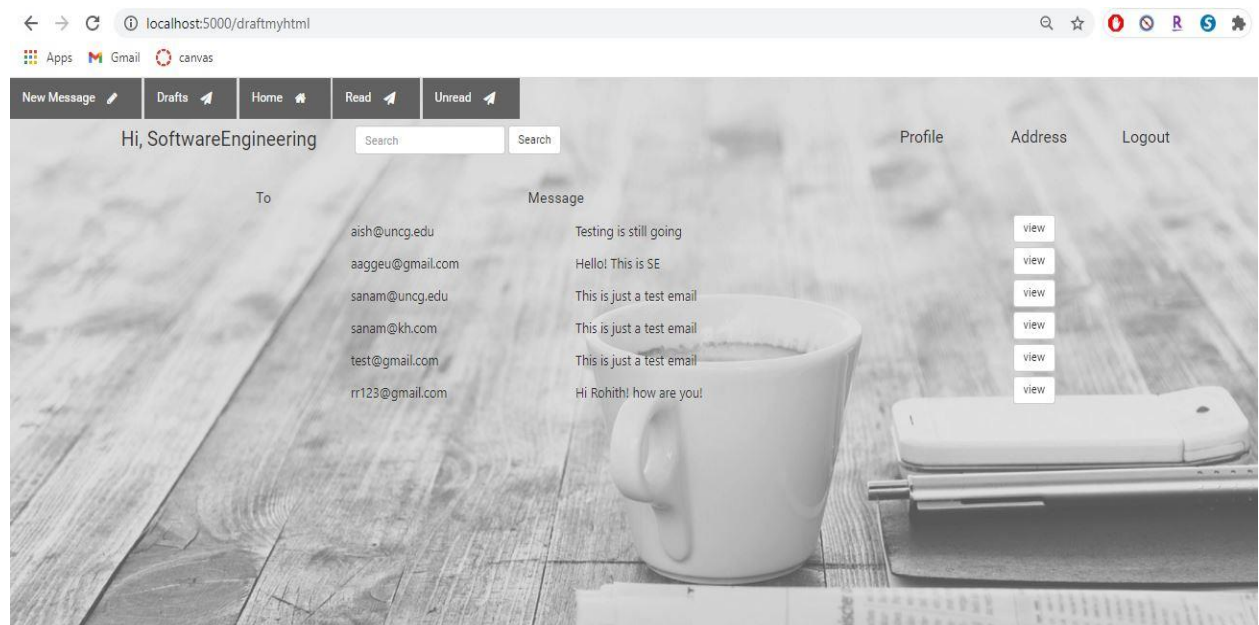
[Home](#)



## 5. User Interface for Draft email use case:

URL – <http://localhost:5000/draftmyhtml>

- After U1 logs into the account, U1 tries to compose an email. U1 forgets the recipient email address. U1 sends the email to draft. Email saved to drafts. U1 exits.
- U2 logs in and composes the email. U2 changed their mind and did not want to send the email. Hence instead of deleting, U2 saves the email in drafts by clicking on the draft button. U2 exits.

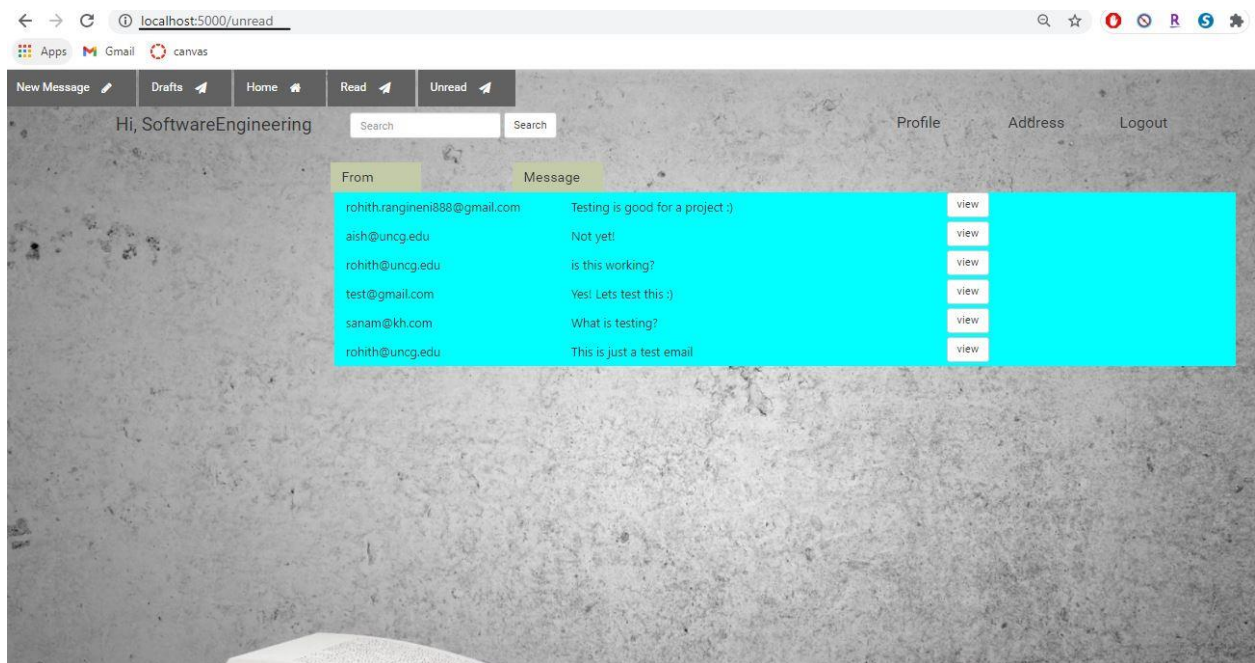
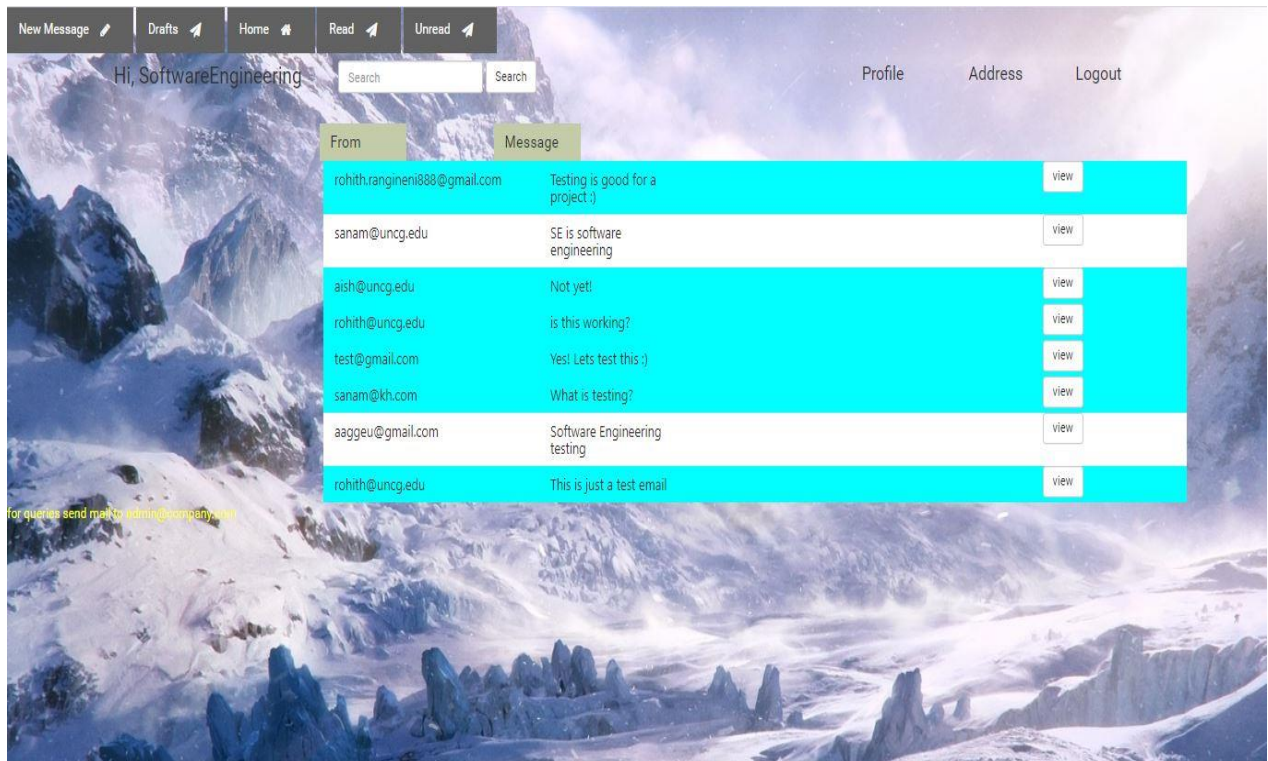


## 6. User Interface for Unread messages Interfaces:

URL – <http://localhost:5000/unread>

- When U1 logs into the account, home page shows both read and unread emails. (All Unread emails are highlighted in blue color.) U1 on the home page clicks on an unread email and reads the message. The message is moved to read emails.
- U1 clicks on the unread button, website shows all the unread emails at one place. U1 reads all emails that are unread. U1 exits.
- U3 logs into the account and clicks on the unread emails tab. Reads the emails one by one. U3 exits.

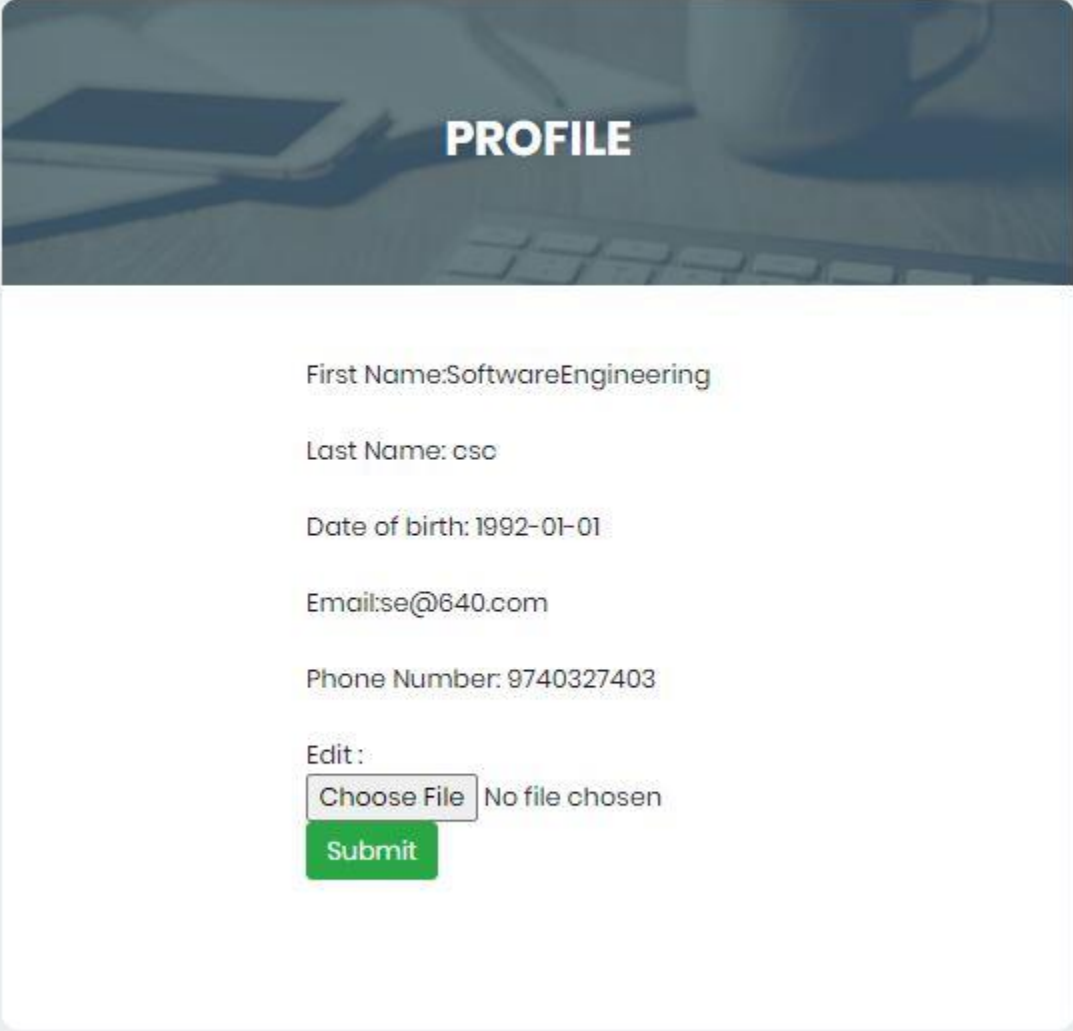




## 7. User interface for Profile Usecase:

URL – <http://localhost:5000/Profile>

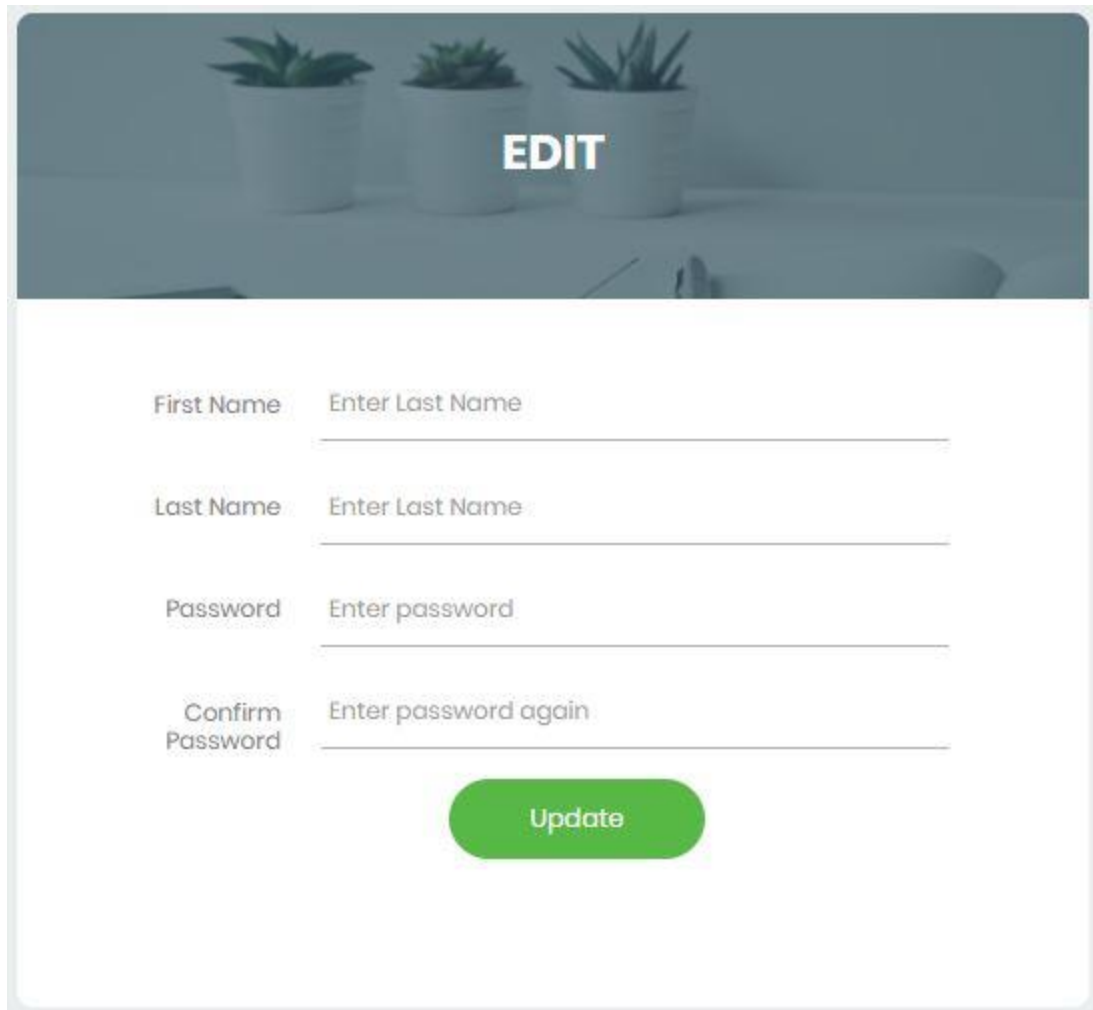
- a. U1 logs into the system and wants to check the profile. U1 clicks on the profile button on the home page. Profile shows all the details that are provided by user during registering on the website.
- b. U1 wants to change the information. U1 clicks on upload image (this works as captcha) and enters. U1 changes the information and updates the information. U1 exits.



The screenshot displays a web application interface for a user profile. At the top, there is a header image with a laptop and a cup, overlaid with the word "PROFILE" in white capital letters. Below the header, the user's details are listed in a simple, clean font:

- First Name: SoftwareEngineering
- Last Name: csc
- Date of birth: 1992-01-01
- Email: se@640.com
- Phone Number: 9740327403

Below the details, there is an "Edit:" section. It contains a "Choose File" button with a file icon, followed by the text "No file chosen". Below this is a green "Submit" button.



The image shows a web interface for editing a contact. At the top, there is a header with a background image of three potted plants and the word "EDIT" in white text. Below the header, there is a form with four input fields. The first field is labeled "First Name" and the second is labeled "Last Name", both with placeholder text "Enter Last Name". The third field is labeled "Password" and the fourth is labeled "Confirm Password", both with placeholder text "Enter password" and "Enter password again" respectively. Below the input fields, there is a green button with the text "Update".

**EDIT**

First Name Enter Last Name

Last Name Enter Last Name

Password Enter password

Confirm Password Enter password again

Update

**8. User Interface for Add Contact Use case:**

- U1 logs into the account and want to create an address book.
- U1 clicks on the new contact and enters the required details. U1 clicks on the add contact button. Contact created. U1 exits.
- U2 logs into the account. U2 creates an address book.
- U2 wants to check the email of a user in the address book. U2 clicks on the view button. Website show the contact information of the user that are entered by U2.
- U2 wants to delete a contact in the address book. U2 clicks on the delete button. Contact deleted. U2 exits.

New Message✍️Drafts✉️Home🏠Read📖Unread📖

Hi, SoftwareEngineering

Search

Search

ProfileAddressLogout

FromMessage

rohith.rangineni888@gmail.comTesting is good for a project :)

sanam@uncg.eduSE is software engineering

aish@uncg.eduNot yet!

rohith@uncg.eduis this working?

test@gmail.comYes! Lets test this :)

sanam@kh.comWhat is testing?

aaggeu@gmail.comSoftware Engineering testing

rohith@uncg.eduThis is just a test email

view

view

view

view

view

view

view

for queries send mail to [Admin@company.com](mailto:Admin@company.com)

Address Book

Add ContactHome

Contacts

Email:rr123@gmail.com  
Email:aishvaryagouru@gmail.com  
Email:testing123@gmail.com  
Email: sanam.kh@gmail.com  
Email:user@a.edu

Name:Rohith  
Name:Aishwarya  
Name:Test  
Name:Sanam  
Name:User

view	delete
view	delete
view	delete
view	delete
view	delete

## ADD CONTACT

First Name Enter First Name

Last Name Enter Last Name

Email Enter Email

Phone  
Number Enter Phone Number

Gender ☒ Male  
☐ Female

Add Contact



## Contact profile

First Name : Test

Last Name : Se

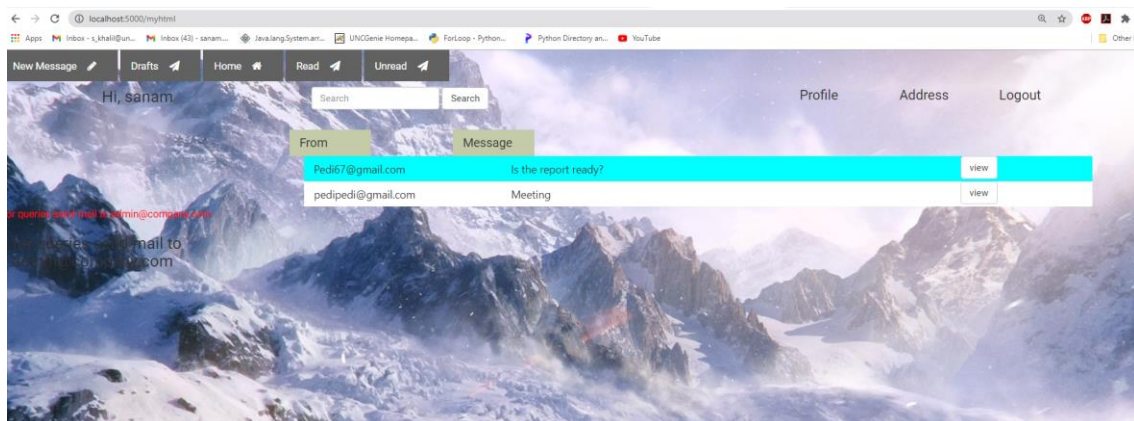
Email : test@gmail.com

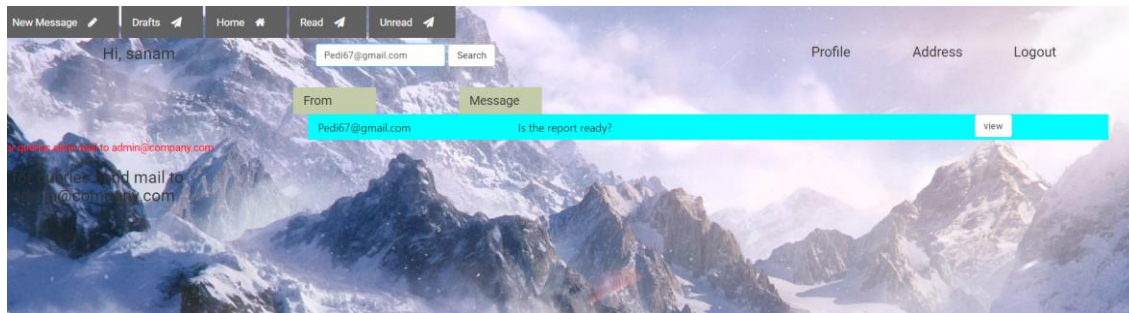
Phone Number: 3369295728

[Back](#)

### 9. User Interface for Search usecase:

- User U1 after logging into the account can search the mailbox by using the email ID of any user.
- After clicking on the search button, website shows all the emails sent by that user.
- If user U1 did not receive any email from the email address, the website does not show any email.





## 10. User Interface for Admin login usecase:

URL- <http://localhost:5000/adminlogin>

- Admin have a predefined email ID and password.
- Admin logs into the account by using the credentials.
- Admin has access to all the data.
- Admin can search the database.
- Admin can receive queries and questions from the users and try to solve the problems.

 A screenshot of a web application's admin login page. The background is a dark image of a laptop and a cup of coffee. The text 'SIGN IN' is prominently displayed in the center. Below this, there are two input fields: 'Email' with the value 'admin@company.com' and 'Password' with the placeholder text 'Enter Admin password'. A green 'Login' button is positioned below the password field.



