

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, GUWAHATI

BTech Computer Science

Software Engineering Project

AcadIn

Group 3

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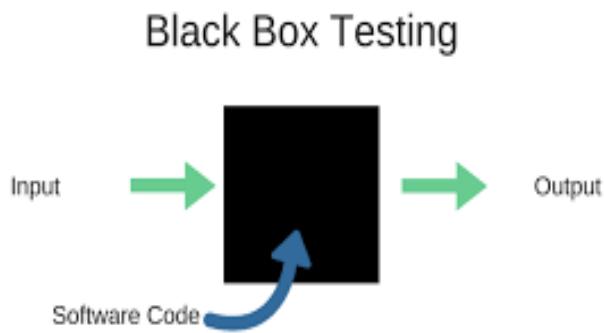
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Link to the project - <https://github.com/ankit-1431/AcadIn>

Testing Report

We are doing **black box testing** on this project.

Black Box Testing is a software testing method in which the functionalities of software applications are tested without having knowledge of internal code structure, implementation details and internal paths. Black Box Testing mainly focuses on input and output of software applications and it is entirely based on software requirements and specifications. It is also known as Behavioral Testing.



We performed manual System testing on a complete integrated system to evaluate the compliance of the system with all the requirements.

We tested the design and behavior of the system and also the expectations of the users.

Functional requirements-

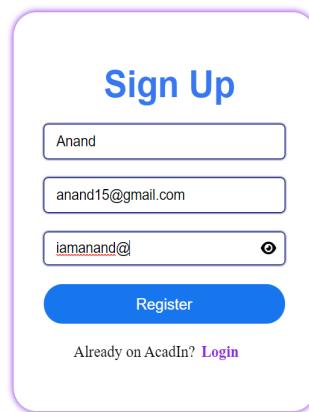
1. Sign Up : Users must first register themselves on AcadIn to create their individual accounts using their username,email id and a password.

Case 1 : Successful Sign Up with New Email

Expected Output: Account Created and successfully logged in.

Actual Output:

AcadIn



The image shows a 'Sign Up' form with a light blue header. It contains three input fields: 'Anand' (username), 'anand15@gmail.com' (email), and 'iamanand@' (password). Below the fields is a blue 'Register' button. At the bottom, it says 'Already on AcadIn? [Login](#)'.

Successful Login with new account :

AcadIn



The image shows a 'Login' form with a light blue header. It has two input fields: 'anand15@gmail.com' (email) and '.....' (password). Below the fields is a blue 'Log In' button. At the bottom, it says 'New to AcadIn? [Register Here](#)'.

Case 2 : Sign Up with an existing Email

Expected Output: User Already Exist.

Actual Output:



Sign Up

Anand .

anand15@gmail.com

ⓘ User already exists X

..... 👁

Register

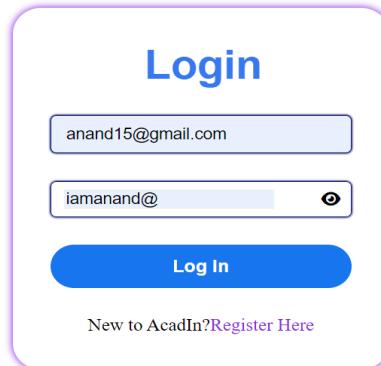
Already on AcadIn? [Login](#)

2. Sign In : In order to successfully login to their account, users must provide the correct username and password.

Case 1 : Successful Login with correct Email and password

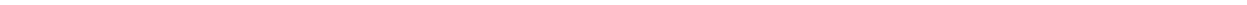
Expected output - Successful login

Actual output :



A screenshot of the AcadIn login interface. It features a light blue header with the AcadIn logo. Below it is a white rectangular form with rounded corners. The title "Login" is centered at the top in a blue font. There are two input fields: the first contains "anand15@gmail.com" and the second contains "iamanand@". To the right of the second field is a small eye icon for password visibility. Below the fields is a large blue button with the white text "Log In". At the bottom of the form, there is a link "New to AcadIn? Register Here".

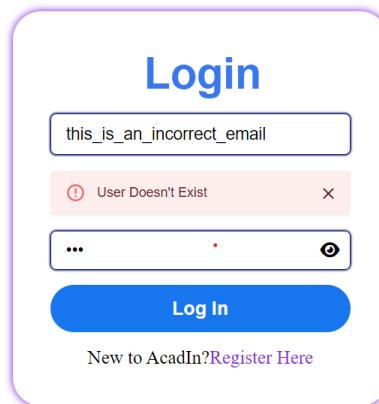
Successful Login with new account :



Case 2 : Login with Incorrect Email

Expected output - User Doesn't Exist

Actual output -

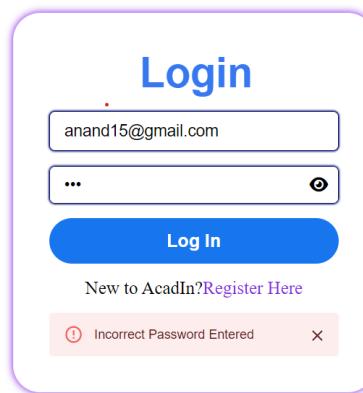


The image shows a login interface for AcadIn. At the top center is the word "Login". Below it is an input field containing the text "this_is_an_incorrect_email". Underneath the input field is a red notification box with a warning icon and the text "User Doesn't Exist". Below the notification is a password input field with a red eye icon. At the bottom is a large blue "Log In" button. Below the button, the text "New to AcadIn? Register Here" is displayed.

Case 3 : Login with Correct Email but Incorrect Password

Expected output - Incorrect Password Entered

Actual output -



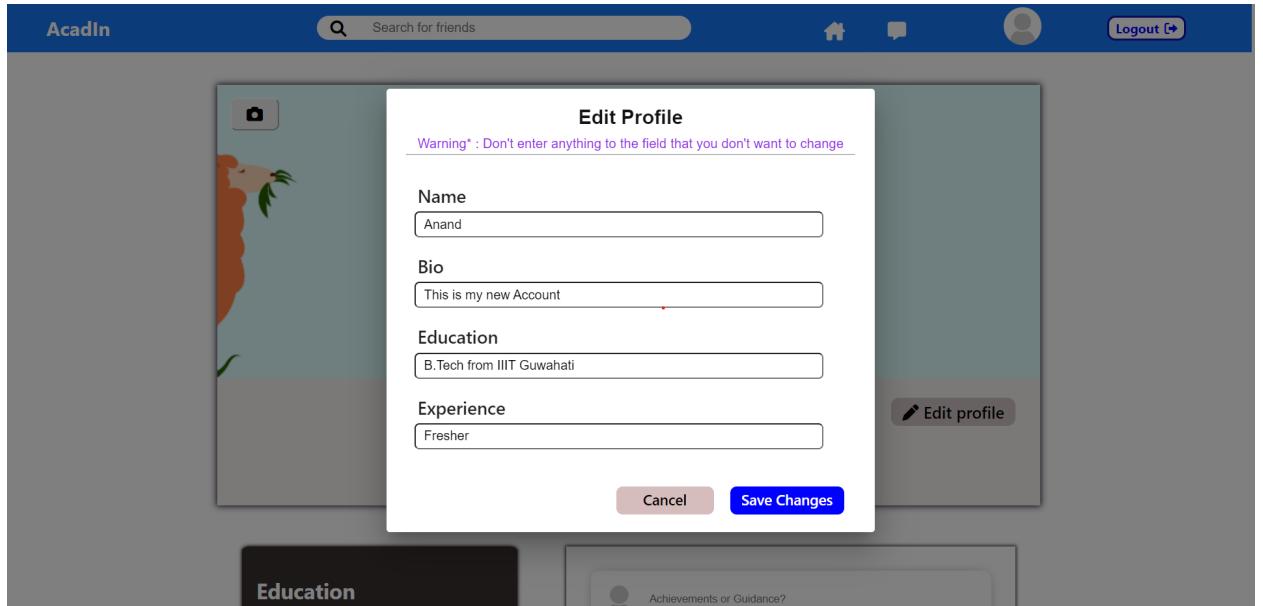
The image shows a login interface for AcadIn. At the top center is the word "Login". Below it is an input field containing the text "anand15@gmail.com". Underneath the input field is a password input field with a red eye icon. At the bottom is a large blue "Log In" button. Below the button, the text "New to AcadIn? Register Here" is displayed. A red notification box at the bottom contains a warning icon and the text "Incorrect Password Entered".

3. Profile : Users can add education, experience, bio and profile picture to their profile.

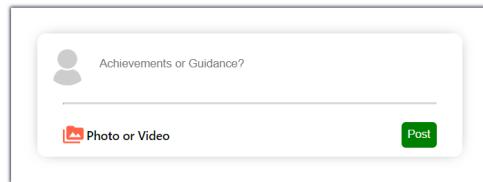
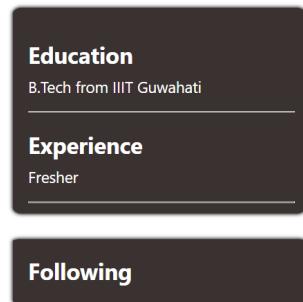
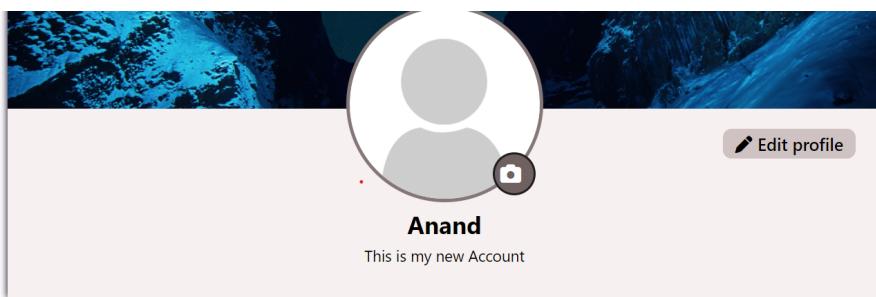
Case 1: Adding experience, education and bio.

Expected Output: Added details are visible on their profile page.

Actual Output :



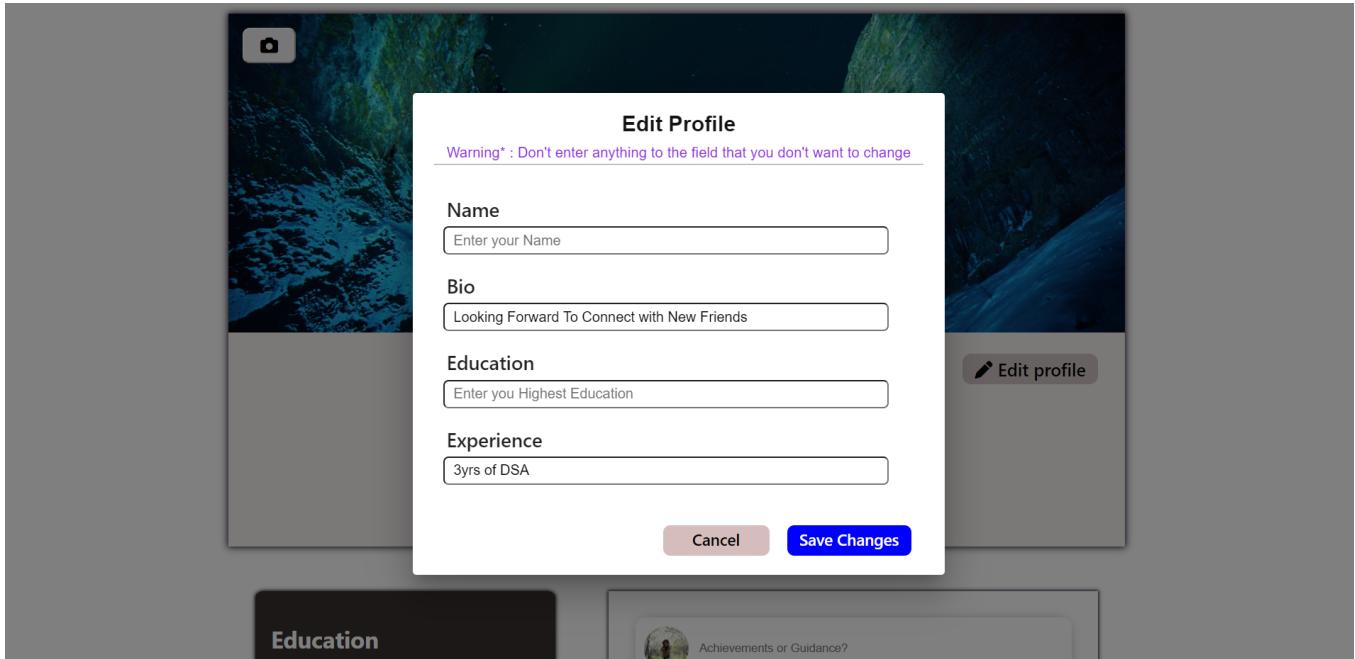
Profile Page after this update:



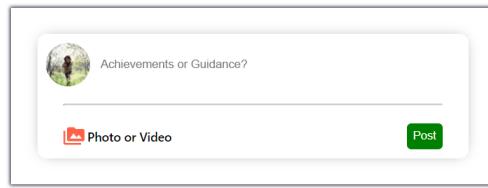
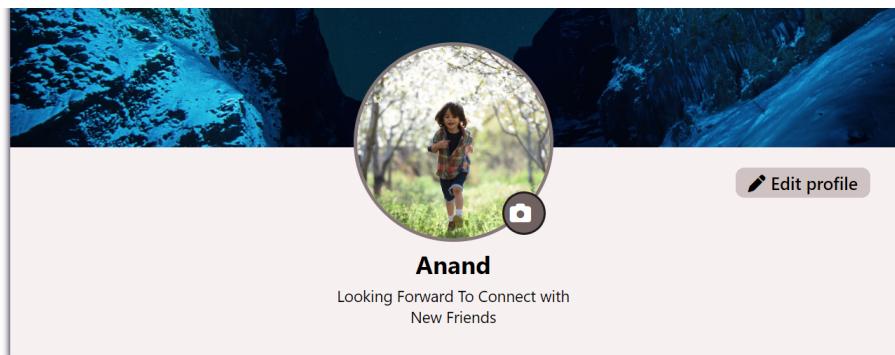
Case 2 : Updating experience, education and bio.

Expected Output: Added details are visible on their profile page.

Actual Output :



Profile Page after this update:



Case 3: Adding profile picture.

Expected Output: Profile Picture is visible on their profile page.

Actual Output :

The screenshot shows a user profile page from a platform called 'AcadIn'. At the top, there's a blue header bar with the 'AcadIn' logo, a search bar labeled 'Search for friends', and icons for home, messages, and profile. On the far right of the header is a 'Logout' button. The main content area features a large, circular profile picture of a young child named Anand, set against a background of a rocky, glowing landscape. Below the profile picture, the name 'Anand' is displayed in bold black text, followed by the subtitle 'This is my new Account'. To the right of the name is a 'Edit profile' button with a pencil icon. In the top left corner of the profile picture, there's a small camera icon, and in the bottom right corner, there's another camera icon.

4. Post : Users can post anything they want and that will be visible to all the people they follow.

Case 1 : Adding only text in the post

Expected Output : Post is being displayed on the home page and profile page

Actual Output:

The screenshot shows the AcadIn application interface. At the top, there is a blue header bar with the 'AcadIn' logo, a search bar labeled 'Search for friends', and various navigation icons. Below the header, the main content area displays a single post from a user. The post card has a placeholder image of a person in a green field. The text 'Hello, This is my First Post' is displayed. Below the text is a button labeled 'Photo or Video' with a camera icon, and a green 'Post' button on the right. To the right of the post card, the text 'Online Friends' is visible. The overall layout is clean and modern, typical of a social media platform.

Post added as shown on Home Page :

This screenshot shows the AcadIn home page with multiple posts visible. The first post is from a user named 'Achievements or Guidance?' and contains the text 'Achievements or Guidance?'. The second post is from a user named 'Anand' (indicated by a small profile picture) with the timestamp 'just now'. The text of this post is 'Hello, This is my First Post'. Below the post, there is a like button showing '0 people like it' and a 'comments' link. The interface is consistent with the previous screenshot, featuring a blue header and a white main content area.

Post added as shown on Profile Page :

This screenshot shows the AcadIn profile page for a user named 'Anand'. The profile card features a large circular profile picture of a person running in a park. The name 'Anand' is prominently displayed below the picture. A tagline 'Looking Forward To Connect with New Friends' is also present. On the left side of the profile card, there are three dark rectangular boxes containing user information: 'Education' (B.Tech from IIIT Guwahati), 'Experience' (3yrs of DSA), and 'Following' (a list of users). To the right of the profile card, a sidebar displays a recent post from 'Anand' (1 minute ago) with the same text as the one on the home page: 'Hello, This is my First Post'. Below the post are the usual like and comment links. The overall design is consistent with the other screenshots, maintaining a professional and user-friendly look.

Case 2 : User adds photo along with text in the post.

Expected Output : Post is being displayed on the home page and profile page

Actual Output:

The screenshot shows the AcadIn application interface. At the top, there is a blue header bar with the 'AcadIn' logo, a search bar labeled 'Search for friends', and various navigation icons. On the right side of the header, there are 'Online Friends' and a 'Logout' button. Below the header, the main content area displays a user's post. The post is titled 'My Favorite Super Hero' and features a large image of Thor from the Marvel Cinematic Universe. Below the image, there is a 'Photo or Video' button and a 'Post' button. Underneath the image, a comment from a user named 'Anand' is visible, reading 'Hello. This is my First Post'. There is also a three-dot menu icon next to the comment.

Post added as shown on Home Page :

The screenshot shows the AcadIn application interface, specifically the user profile page for 'Anand'. At the top, there is a blue header bar with the 'AcadIn' logo, a search bar labeled 'Search for friends', and various navigation icons. On the right side of the header, there are 'Online Friends' and a 'Logout' button. Below the header, the main content area displays a user's post. The post is titled 'Achievements or Guidance?' and features a large image of Thor from the Marvel Cinematic Universe. Below the image, there is a 'Photo or Video' button and a 'Post' button. Underneath the image, a comment from a user named 'Anand' is visible, reading 'My Favorite Super Hero'. There is also a three-dot menu icon next to the comment. At the bottom of the post, there are interaction metrics: '0 people like it' and 'comments'.

Post added as shown on Profile Page :

Education
B.Tech from IIT Guwahati

Experience
3yrs of DSA

Following

Achievements or Guidance?

Photo or Video Post

Anand 2 minutes ago ⋮

My Favorite Super Hero



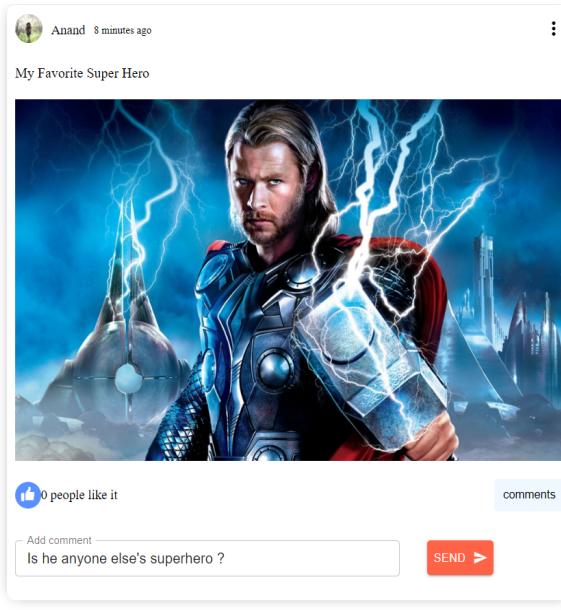
0 people like it comments

Anand 6 minutes ago ⋮

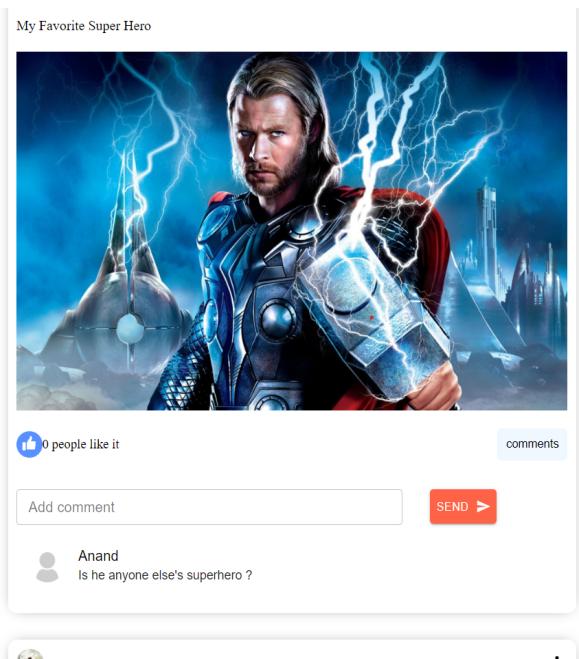
Case 3 : User can like or comment on his post.

Expected output : Like and comment gets displayed on the post.

Actual output :



Post after Comment and Like :



5. Friend : User can search for his or her friend, view their profile, follow, unfollow and can see the friend's posts after following them.

Case 1 : User searches for his or her existing friend.

Expected Output : Shows the profile link of the Friend

Actual Output :

The screenshot shows the AcadIn application interface. At the top, there is a blue header bar with the title "AcadIn". Below the header is a search bar containing the name "Ananya". A dropdown menu is open, showing a user profile for "Ananya" with a placeholder "Profile picture" and the name "Ananya" in purple text. Below the search bar are navigation icons for Home, Chats, and Logout. To the right, there is a "Online Friends" section with a profile picture and the name "Ananya". The main content area displays a post from "Anand" (19 minutes ago) titled "My Favorite Super Hero" with a photo of Thor from the Avengers.

Case 2 : User searches for his or her non - existing friend.

Expected Output : Shows No User Found

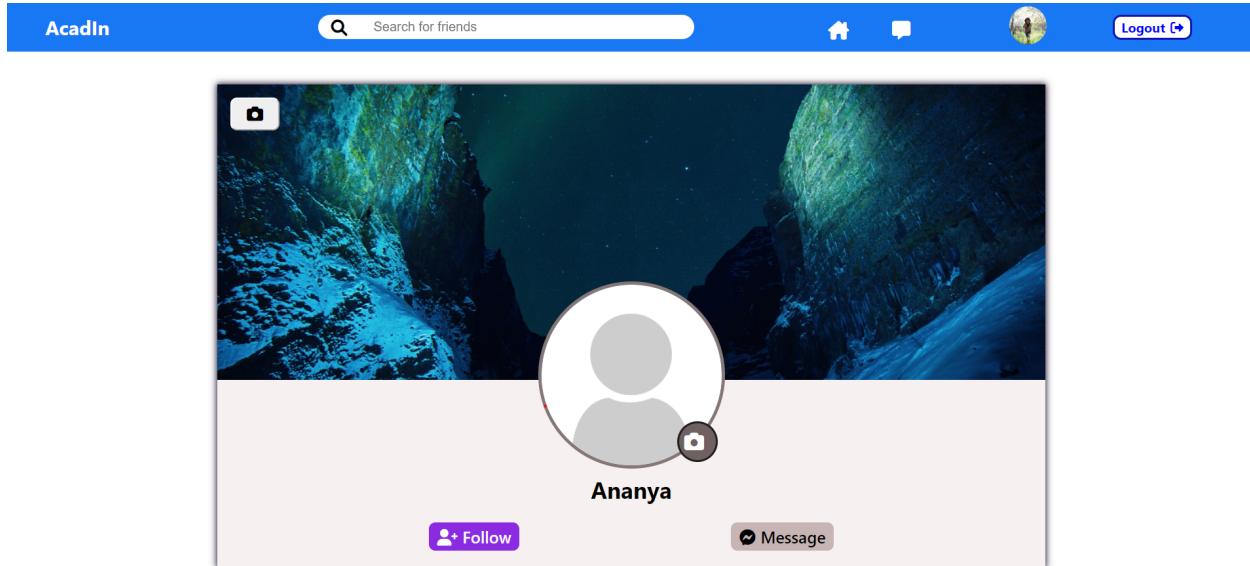
Actual Output :

The screenshot shows the AcadIn application interface. At the top, there is a blue header bar with the title "AcadIn". Below the header is a search bar containing the name "Non_Exisiting_User". A dropdown menu is open, showing a message "No Results Found" in red text. Below the search bar are navigation icons for Home, Chats, and Logout. To the right, there is a "Online Friends" section with a profile picture and the name "Ananya". The main content area displays a post from "Anand" (19 minutes ago) titled "My Favorite Super Hero" with a photo of Thor from the Avengers.

Case 3 : User views friend's profile

Expected Output : Shows the profile of the Friend

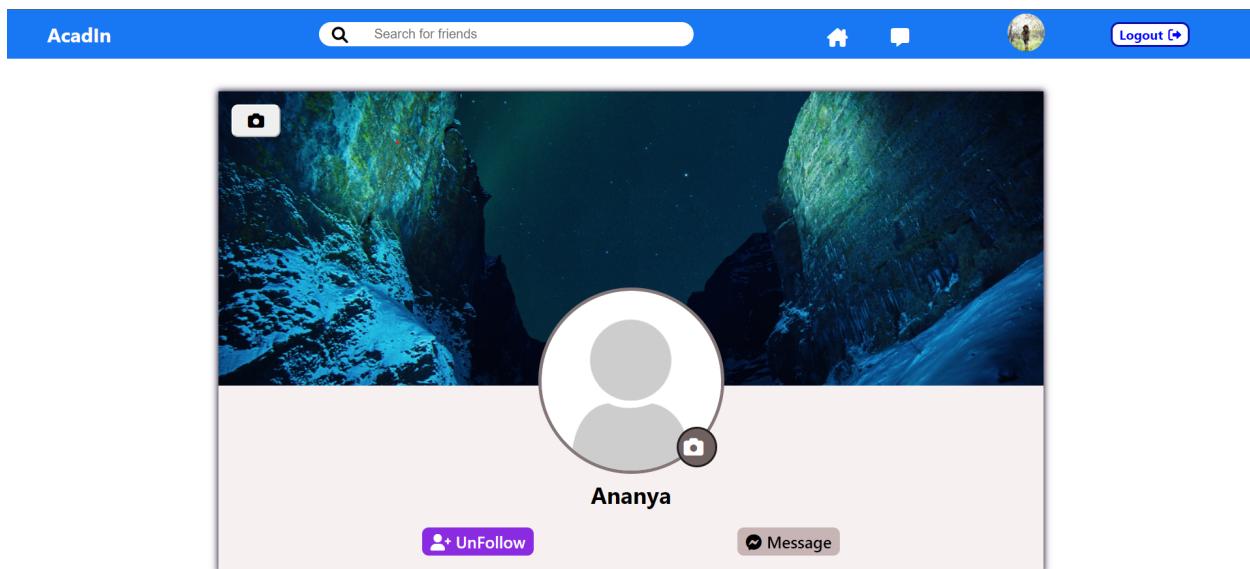
Actual Output:



Case 4: User can follow his or her friend.

Expected output : User follows that friend.

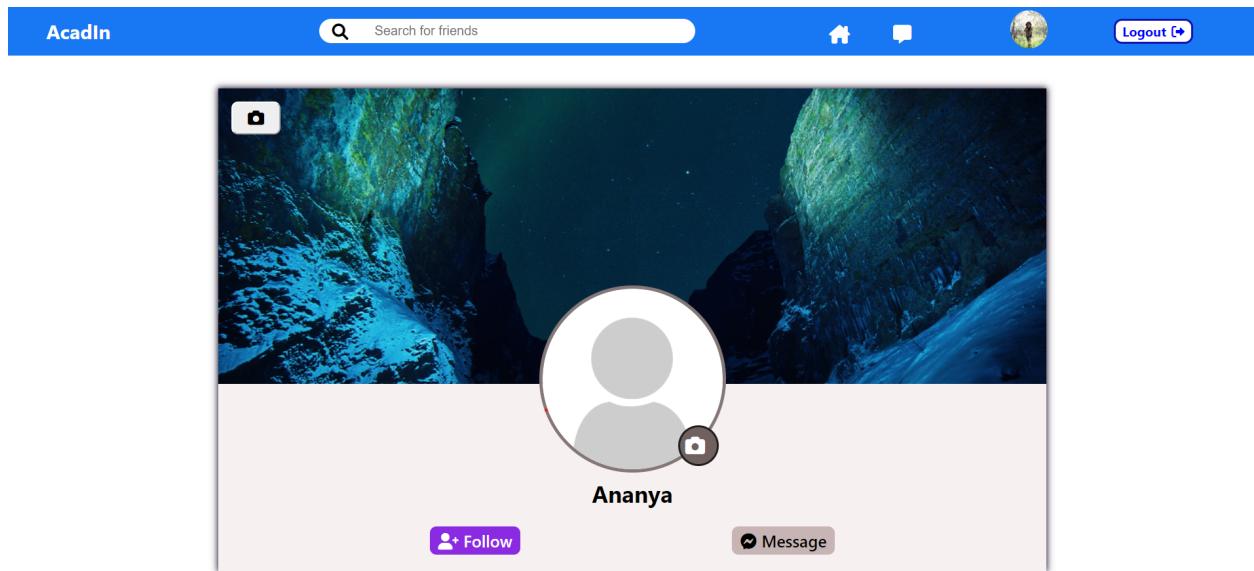
Actual output :



Case 5: User can unfollow his or her friend.

Expected output : User unfollows that friend. Icon reverts back to follow.

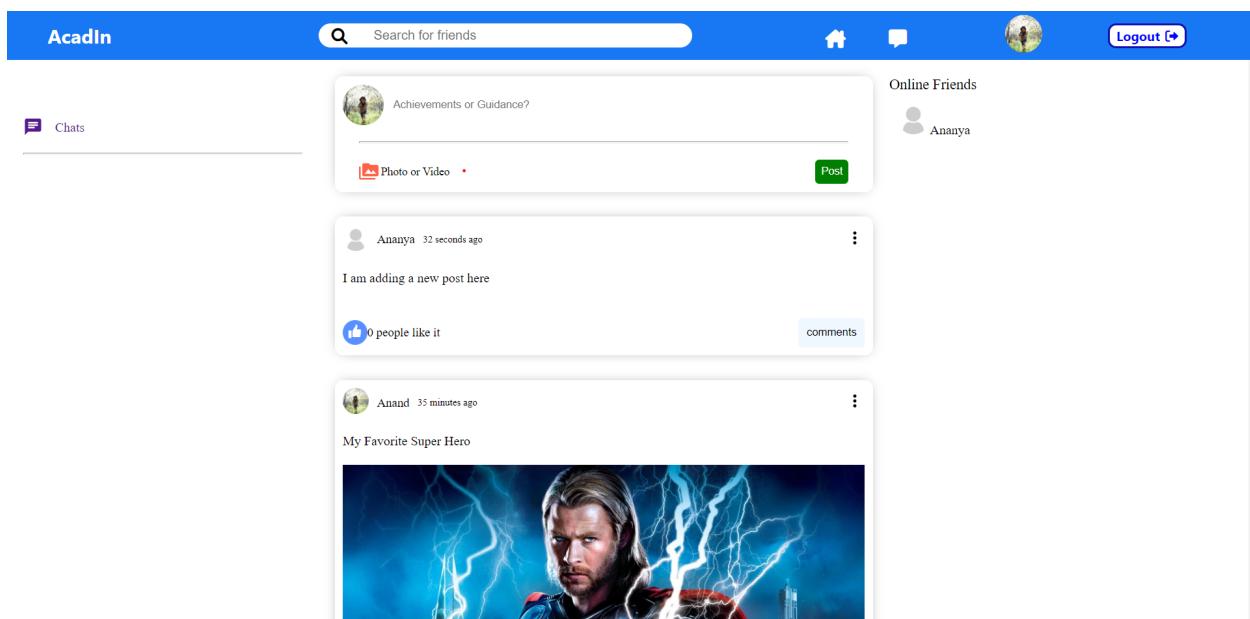
Actual output :



Case 6: User can see all the posts of his or her friend.

Expected output : All the friends' posts are now visible to the user.

Actual output :

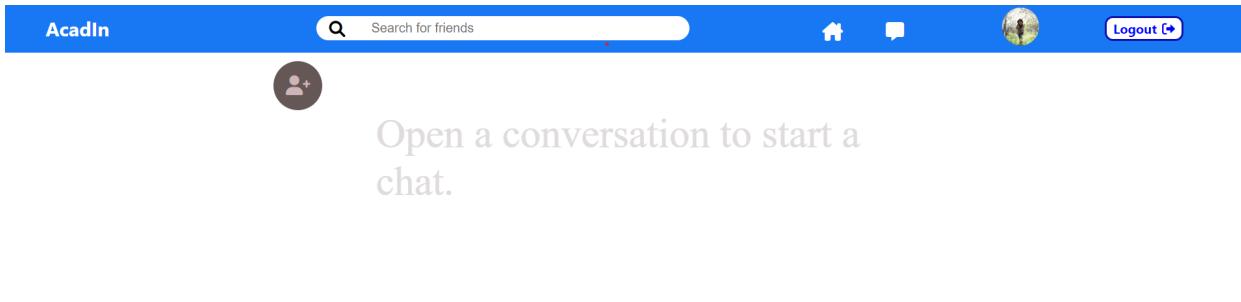


6. Chat : Users can chat with their friends.

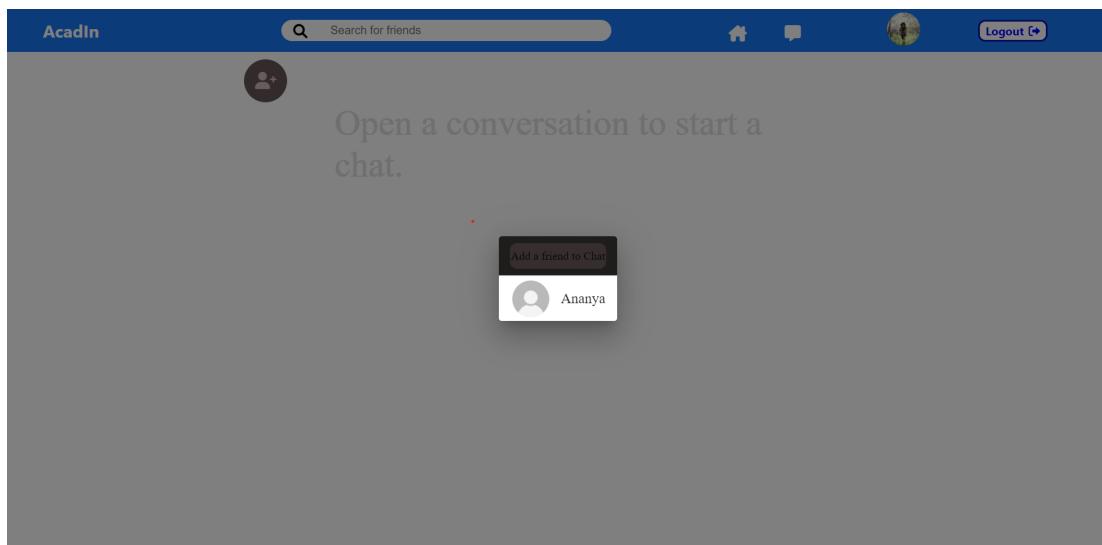
Case 1: User adds a friend to chat.

Expected output : Friend is added and now can be messaged.

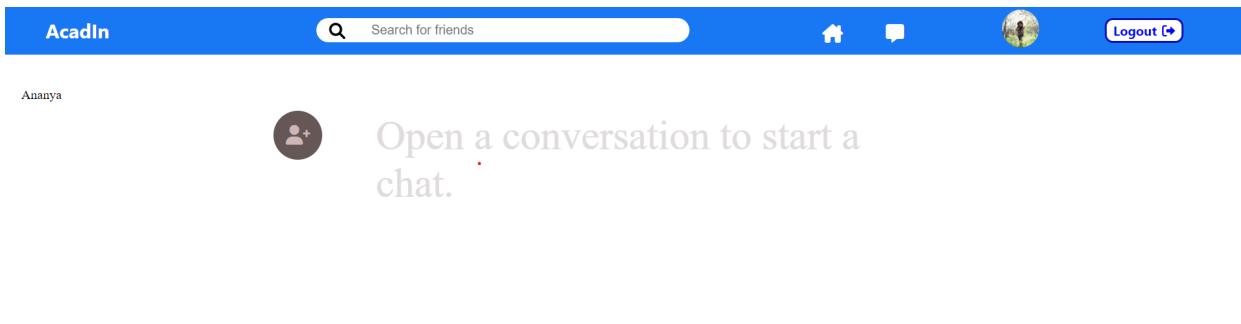
Actual output :



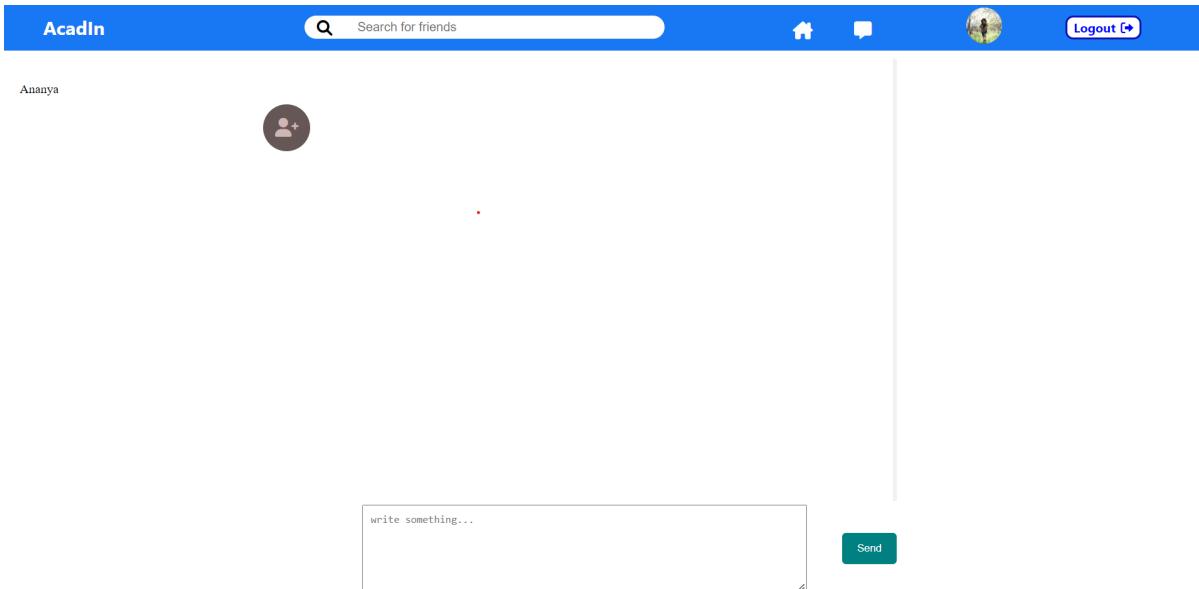
After Click On Add User Icon :



After Clicking on user that he/she want to add :



After Clicking on user that was added :



After sending "Hi" message to the user :



After getting reply from the user :

