News Aggregator (Gr 21)
User Stories

#1.)
Front:

As a user, I want to create accounts and be able to login through Email and password.

Back:
- Login should be remembered on one device.

Acceptance Criteria:
- Email Id should be correct and password should be a minimum of 8 characters for signup.
- During login, the password should belong to the entered EmailID.

Rejection Criteria:
- Email/password is incorrect.
- Network is not connected.

#2.)
Front:

As a user, I want to be able to upvote or downvote news articles, so that I can influence the visibility of articles based on their quality.

Back:

Each articles should have upvote and downvote button

Clicking the upvote button should increase the article's upvote count.

Clicking the downvote button should increase the article's downvote count.

#3.)
Front:

As a registered user, I want to be able to submit news articles with relevant details, so that I can share important news stories with the community.

Back:

- There should be a "Post" button on the user interface.
- Clicking the "Post" button should open a form with fields for the news article's title, description and a link etc.
- Users should be able to enter information in the form fields and submit the article.
- The submitted news article should show the username of the user who submitted it.

Rejection Criteria:
- Any network error occurs.
- User cancels the submission.

#4.)
Front:
As a user, I want to leave comments on threads I find interesting, and I can also reply on comments done by other users on any post.

Acceptance Criteria / Success:
Users can leave comments on threads.
Enhanced interactivity and engagement within discussions.

Failure:
Inability to leave comments.
Lack of interaction limits user participation.

#5.)
Front:
As a user I want to have a search option so that I'm able to read user posts by typing some keywords of my interest.

Back:
- There should be a search bar prominently displayed on the user interface.
- Users can enter keywords into the search bar.
- Upon entering a keyword search query, relevant news articles containing the query should be displayed in the search results.
- Upon entering a username search query, relevant news articles posted by that user should be displayed in the search results.

#6.)
Front:

As a user, I want to be able to manage my account, including changing my password and recovering it if forgotten.

Acceptance Criteria / Success:

1. A user profile section is accessible from the main user interface.
2. Within the user profile section, there are options to change the password and recover a forgotten password.

3. The password change process includes authentication to verify the user's identity.
4. Users receive clear and user-friendly instructions for changing their password or recovering a forgotten one.
5. The user interface for account management is intuitive and responsive, ensuring a seamless experience.

Back:

1. Secure endpoints are provided in the back-end API for password change and recovery processes.
2. Passwords are stored securely using algorithms.
3. The password change process includes multi-factor authentication or other security measures for identity verification.
4. Users can recover their password through a secure email verification process.
5. The back-end system logs and monitors account management activities for security purposes.

Failure:

1. Inability to access or locate the account management features on the user interface.
2. Technical issues prevent users from successfully changing their password or recovering a forgotten password.
3. Lack of clear instructions or user-friendly interface leads to confusion during the password management process.

#7.)
Front:

As a user, I want to be redirected to the homepage after logging in, where I can view different posts uploaded by various users.

Acceptance Criteria / Success:

1. Upon successful login, the user is automatically redirected to the homepage.
2. The homepage prominently displays a feed of posts uploaded by different users.
3. The post feed includes relevant information such as post content and username.
4. Users can seamlessly scroll through the post feed to explore content from different users.
5. The user interface is intuitive and responsive, ensuring a smooth and engaging experience.

Back:

1. Secure endpoints are provided in the back-end API for user login and homepage content retrieval.
2. Upon successful authentication, the back-end system sends a response to redirect the user to the homepage.
3. The back-end system efficiently retrieves posts from various users to populate the homepage feed.
4. The post data includes necessary information such as content and username details.
5. The back-end system is scalable to handle an increasing number of posts and user interactions.

Failure:

1. Users are not redirected to the homepage after logging in, impacting the user experience.
2. Technical issues prevent the successful loading or display of posts on the homepage.
3. Lack of clarity in the user interface makes it challenging for users to locate and explore different posts.