

EPIC: General User Experience

Navigation: navbar

As a user I can view a navbar from every page so that I can navigate easily between pages.

AC1: The navbar is consistently displayed at the top of each page.

AC2: The navbar includes clear and intuitive, operational navigation links for easy access to the different sections of the application.

Y

Navigation: page transitioning

As a user I can navigate through pages quickly so that I can view content seamlessly without page refresh.

AC1: The app loads new content and changes pages without needing to refresh the entire page, providing a seamless experience.

Y

Accessing content: members

As a user I can see members' basic profile information so that I can gain some insight into the platform's community.

AC1: A sidebar component displays the usernames and avatars of registered users of forum20.

Y

Accessing content: infinite scrolling

As a user I can keep scrolling through the posts on the site so that I don't have to click on a "next page" button.

AC1: Upon downward scrolling, additional posts are loaded automatically without the need to navigate to a different page.

Y

Accessing content: posts

As a user I can view the most recent posts so that I am up to date with the newest content.

AC1: Upon loading the application, posts are displayed newest first.

Y

Accessing content: search

As a user I can search for posts with keywords, so that I can find the content and user profiles I am most interested in.

AC1: The user can enter keywords into an operational search bar component.

AC2: Relevant posts are filtered and displayed newest first.

AC3: Relevant user profiles are filtered and displayed.

Y

Reading content: single post

As a user I can read the details of a single post so that I can learn more about it.

AC1: Clicking on a post opens a detailed view of it, including the image, title, description and comments.

Y

Reading content: comments

As a user I can read comments left beneath posts so that I can read and follow a conversation about content that interests me.

AC1: Posts include a section that displays comments left by members of the community.

Y

Registration: options

As a user I can see login and signup options so that I can log in or register an account.

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AC1: Login and signup options as clickable links are displayed on the navbar for easy access.

Registration: account creation

As a user I can create an account so that I can access all the features for registered users.

AC1: An operational, clickable sign up link is visible.

AC2: Upon clicking, an operational registration form is displayed.

AC3: The form displays error messages for invalid user input.

AC4: Upon successful registration, the login page loads.

Y

EPIC: Registered User Features

Authentication: status

As a registered user I am made aware if I am logged-in or not so that I can log in if I need to.

AC1: The current login state is displayed.

Y

Authentication: login

As a registered user I can log in to the app so that I can access all of the app's functionality.

AC1: An operational, clickable log in link is visible.

AC2: Upon clicking, an operational login form is displayed.

AC3: The form displays error messages for invalid user input.

AC4: Upon successful login, the home page is loaded and the login state is updated.

Y

Authentication: remaining logged-in

As a registered user I can maintain my logged-in status until I choose to log out so that my user experience is not compromised.

AC1: Through use of JSON Web Tokens, users remain logged-in until opting to log out, ensuring their session is kept secure and convenient.

Y

Authentication: logout

As a registered user I can log out of the app so that I can keep my privacy and my account secure.

AC1: An operational, clickable log out link is visible.

AC2: Upon clicking, the main page is loaded and the login state is updated.

Y

Authentication: editing credentials

As a registered user I can update my username and password so that I can change my display name and keep my profile secure.

AC1: Given a logged-in user, a dropdown component is accessible with edit profile, change username and change password options.

AC2: Clicking on each option renders the relevant form.

AC3: The form displays error messages for invalid user input.

AC4: Changes are reflected immediately after form submission.

Y

Reading content: filtered

As a registered user I can view content filtered by the users I follow so that I can keep up to date with their posts.

AC1: Given a logged-in user, a dedicated feed page displays posts exclusively from users they follow.

AC2: The feed automatically updates in real-time as new content is submitted by followed users.

AC3: The feed automatically and immediately excludes content by users upon unfollowing them.

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Contributing content: posts

As a registered user I can submit a post so that I can share images with users of forum20.

AC1: Given a logged-in user, they can upload an image through a form.

AC2: Given a logged-in user, they can create a post with an image, title and description.

Y

Contributing content: comments

As a registered user I can add comments to a post so that I can share my thoughts with the forum20 community.

AC1: Given a logged-in user, they can access an operational comment input field and submit button under each post.

AC2: Comments are displayed immediately after submission.

Y

Contributing content: likes

As a registered user I can like a post so that I can show my support for the posts that interest me.

AC1: Given a logged-in user, they can see an operational like button with each post that toggles like/unlike.

AC2: The like count is updated in real-time when clicked.

Y

Viewing my contributions: posts

As a registered user I can view the posts I have submitted so that I can keep track of my contributions.

AC1: Given a logged-in user, their profile page displays a list of their submitted posts.

AC2: These have operational edit and delete functionality.

Y

Viewing my contributions: comments

As a registered user I can view the comments I have submitted so that I can keep track of my contributions.

AC1: Given a logged-in user, their profile page displays a list of their submitted comments.

AC2: These have operational edit and delete functionality.

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Viewing my contributions: liked

As a registered user I can view the posts I liked so that I can refer to the posts I enjoy the most.

AC1: Given a logged-in user, they can access a dedicated page that displays posts they have liked, most recent first.

AC2: These posts have functionality to unlike them.

Y

Managing my contributions: posts

As a registered user I can edit and delete my posts so that I can control my contributions, e.g. correct, update, remove altogether.

AC1: Given a logged-in user, they can access an edit option on each post that opens an edit form.

AC2: The edit form is pre-populated with the post's existing content.

AC3: Given a logged-in user, an operational delete option is visible.

AC4: Both functions are reflected immediately.

Y

Managing my contributions: comments

As a registered user I can edit and delete my comments so that I can control my contributions, e.g. correct, update, remove altogether.

AC1: Given a logged-in user, they can access an edit button next to each of their comments that opens an edit form.

AC2: The edit form is pre-populated with the existing comment.

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AC3: Given a logged-in user, an operational delete button is visible.

AC4: Both functions are reflected immediately.

Managing my contributions: likes

As a registered user I can unlike a post so that I can revoke my support for it if my opinion or interest changes.

AC1: Given a logged-in user, they can see an operational like button with each post which toggles like/unlike.

AC2: The like count is updated in real-time when clicked.

Social: editing my profile

As a registered user I can edit my profile so that I can change my profile picture and bio.

AC1: Given a logged-in user, a button is provided for changing their profile image.

AC2: Given a logged-in user, a text area field is provided for editing their bio.

AC3: Clicking on each option renders the relevant form.

AC4: The form displays error messages for invalid user input.

AC5: Changes are reflected immediately after form submission.

AC6: Upon successful submission, the user is redirected to the previous page.

Social: members: identifying

As a registered user I can see members' basic profile information so that I can easily identify and navigate to a user's profile page.

AC1: Given a logged-in user, a sidebar component displays users' avatars which serve as clickable links to their profiles.

AC2: Given a logged-in user, a sidebar component displays users' usernames which serve as clickable links to their profiles.

Social: profiles: users'

As a registered user I can view other users' profiles so that I can learn more about fellow members of the forum20 community.

AC1: Given a logged-in user, clicking on a user's avatar opens a component for their profile.

AC2: Given a logged-in user, clicking on a user's name opens a component for their profile.

Social: profiles: popular

As a registered user I can see a list of the most followed profiles so that I can see which profiles are popular.

AC1: Given a logged-in user, a sidebar component lists the most followed profiles, ranked by popularity.

Social: members: following

As a registered user I can follow and unfollow other members, so that I can tailor the content of my feed.

AC1: Given a logged-in user, they can view operational follow buttons next to other users' avatars and usernames in the sidebar component.

AC2: Given a logged-in user, they can view operational unfollow buttons next to other users' avatars and usernames in the sidebar component.

AC3: Both functions are reflected immediately.

EPIC: Site Administration

Admin: managing contributions

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As an admin user I can access and utilise full CRUD functionality through a dedicated dashboard so that I can i) control the site's content to ensure it aligns with the vision of the site owner, and ii) maintain quality and relevance.

AC1: Admin users can create posts and comments.

AC2: Admin users can view all posts and comments.

AC3: Admin users can edit posts and comments.

AC4: Admin users can delete posts and comments.

Y