

COIS 3430H

Assignment 3

Winter 2025

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COIS-3430H: Web Development 2: Server-Side and Frameworks

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Assignment 3 - Test Cases

The link to loki server is https://loki.trentu.ca/~dmacherla/www_data/Assignment-3

Weather API integration

1. Fetch weather using user's location

Expected Output

Weather data for the user's city is displayed.

Actual Output

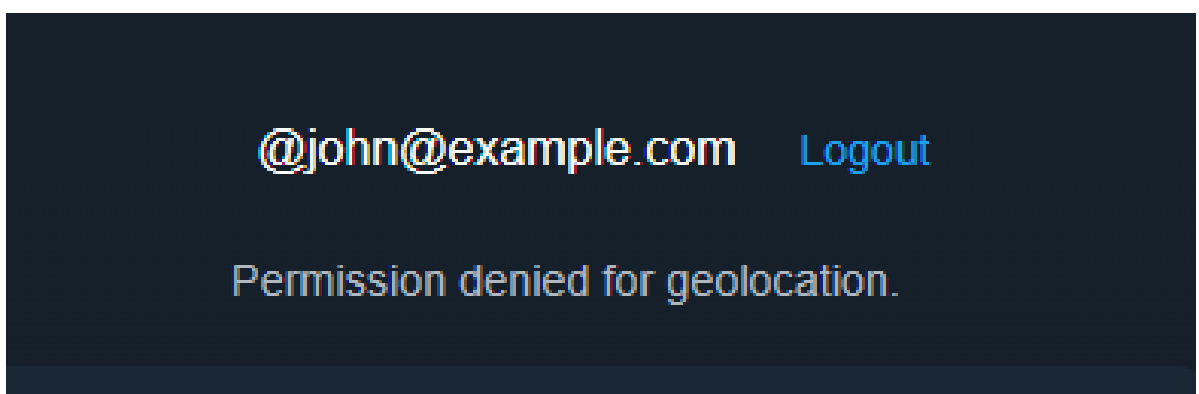


2. User denies location access

Expected Output

Permission denied message is displayed.

Actual Output



3. Weather updates dynamically

Expected Output

Weather data for the user's city is displayed.

Actual Output



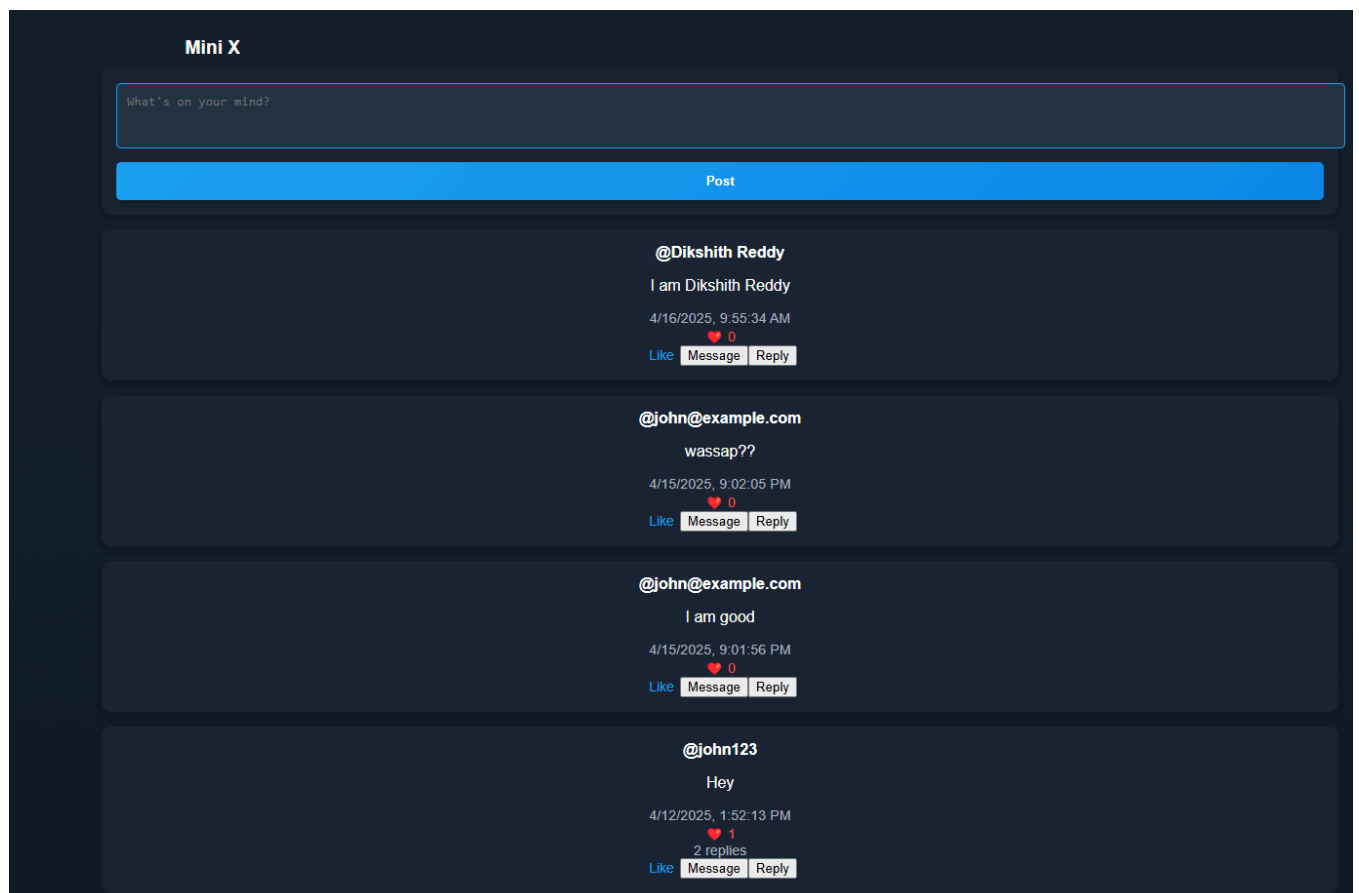
4. Load Feed Posts

Action: Login and navigate to /feed.

Expected Output

List of posts retrieved from API.

Actual Output



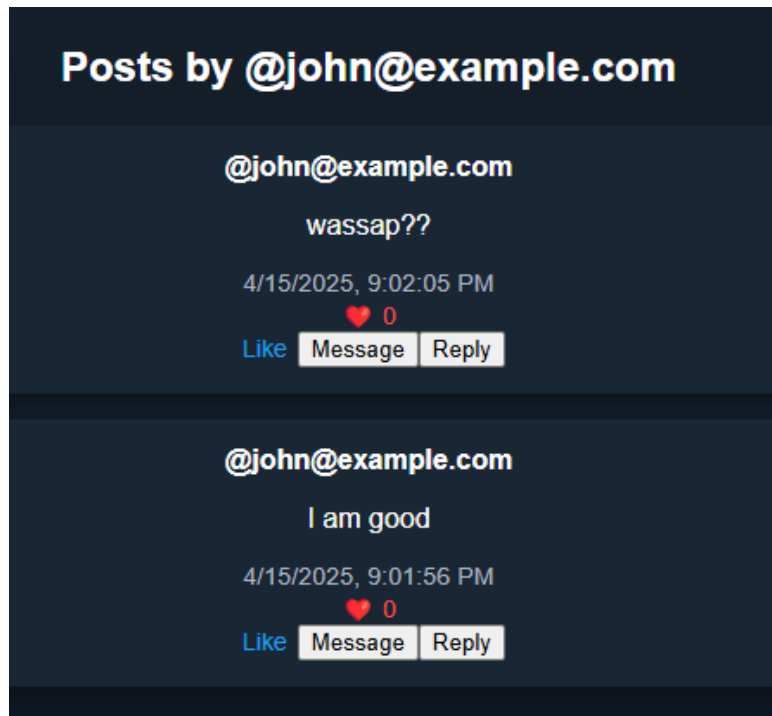
5. Load Posts by Username

Action: Navigate to the user posts by clicking on any user name.

Expected Output

Posts by specific users displayed.

Actual Output



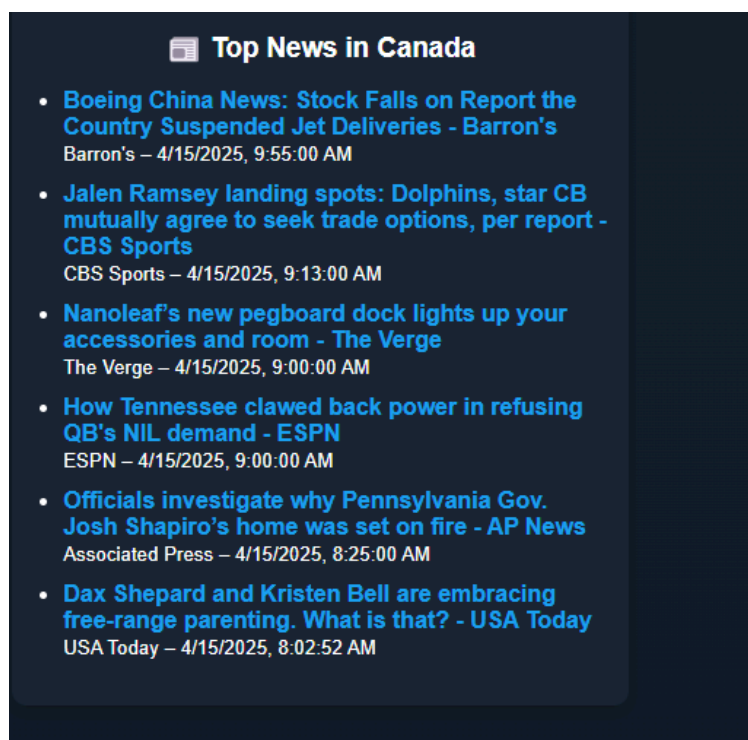
6. News API Integration

Action: Navigate to feed.

Expected Output

News headlines related to Canada appear in the sidebar.

Actual Output



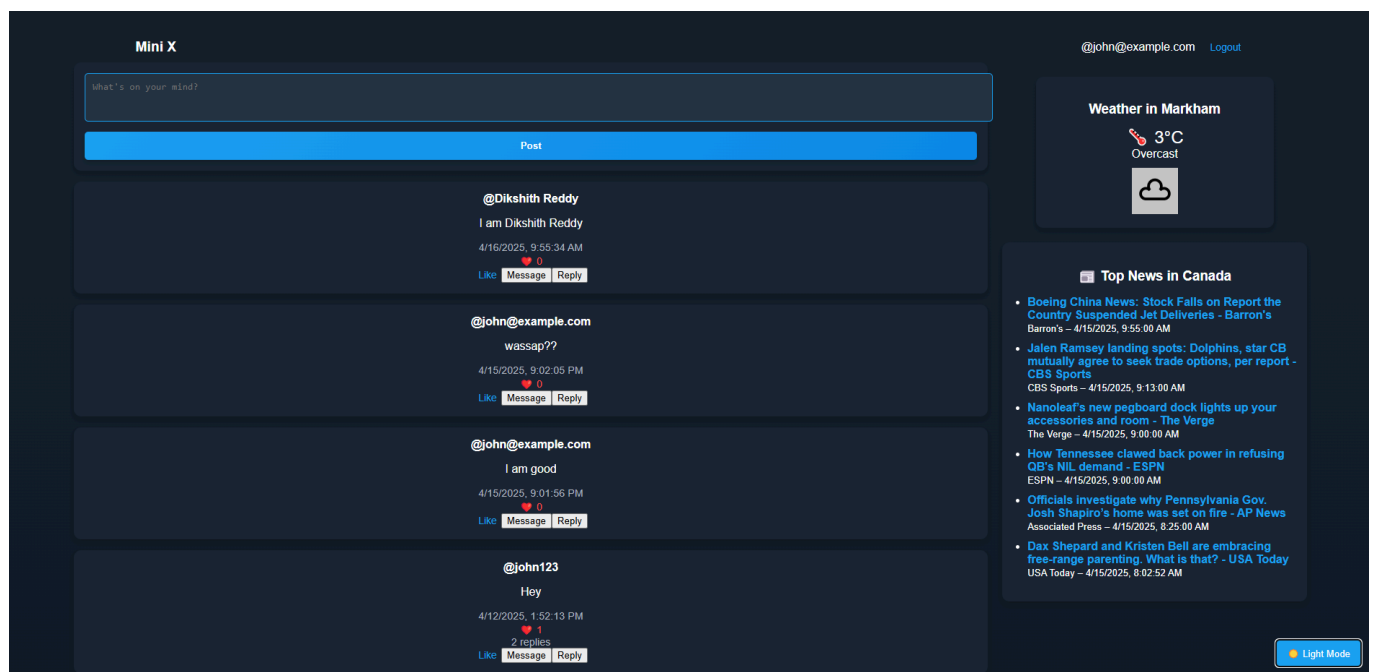
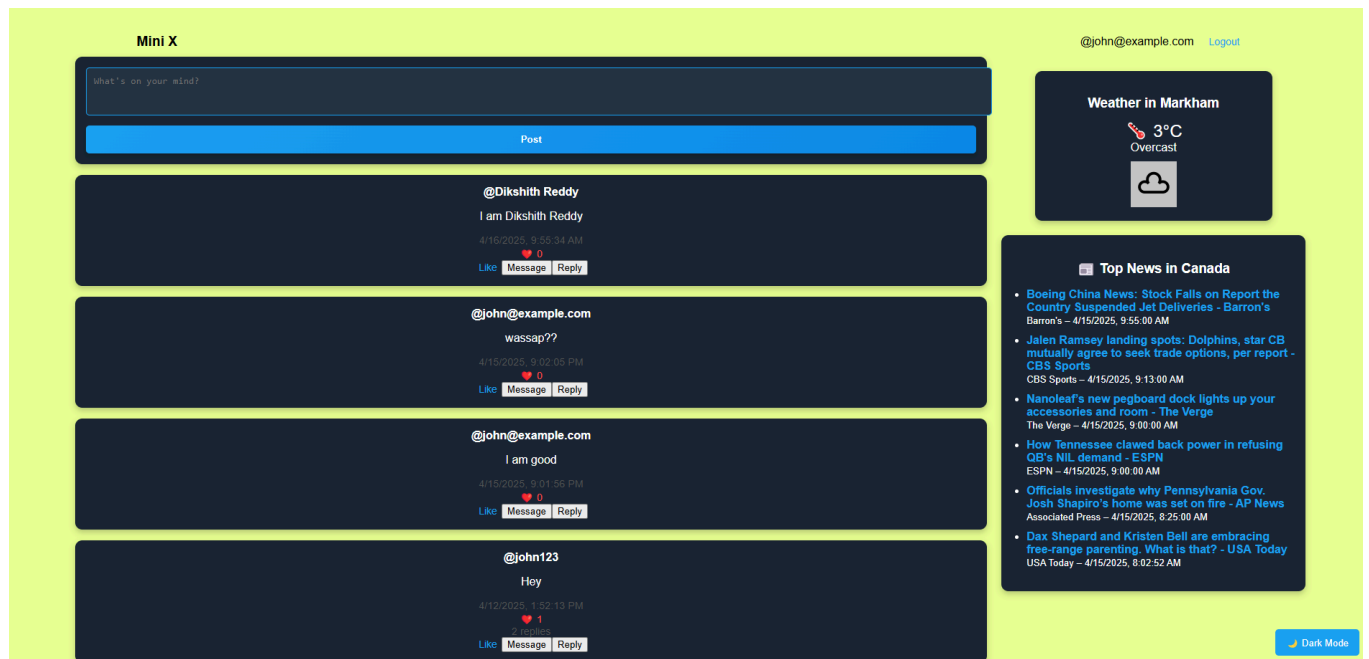
7. Toggle Theme

Action: Click the "☀️ Light Mode / 🌙 Dark Mode" button in bottom right.

Expected Output

Background, text, and component colors switch between light and dark themes.

Actual Output



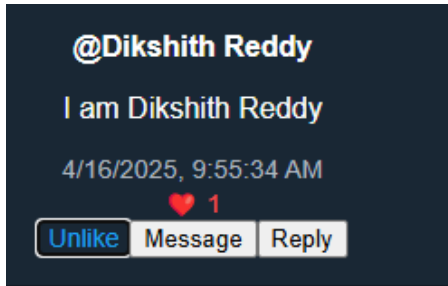
8. Like Functionality

Action: Click "Like" under a post on /feed.

Expected Output

Like count increases, the button changes to “Unlike”.

Actual Output



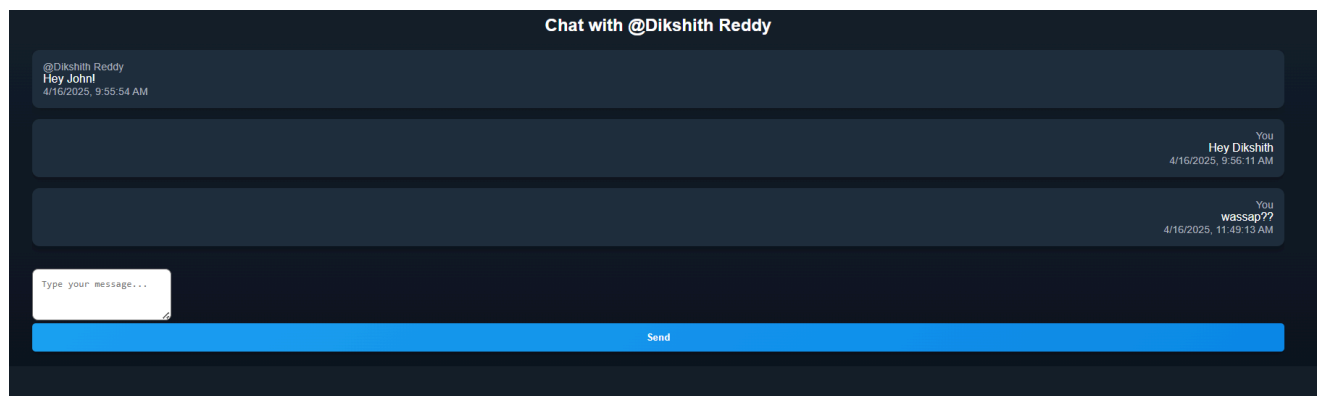
9. Message Functionality

Action: Click “Message” under another user's post and send a message.

Expected Output

Redirects to /messages/{username} to start DM conversation and message sent.

Actual Output



10. Reply to a Post

Action: Click “Reply”, type a message, and submit.

Expected Output: New reply is shown under the post.

Actual Output

