CS 473/673
Project Team3
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In this week's report, I ran some tests on the Jobs, Posts, Navbars, LeftProfile, Banner, and Divider page codes.

Test Report for Jobs page:

Objective: To verify the correct rendering and functionality of the Jobs component, including switching between Recommended Jobs and Saved Jobs.

Test Cases:

Test Case 1: Rendering

Objective: Ensure that the Jobs component renders without errors.
Steps:
1. Render the Jobs component.

Expected Result: The Jobs component should render without errors.

Test Case 2: Switching Between Tabs

Objective: Verify that the component allows switching between "Recommended Jobs" and "Saved Jobs" tabs.
Steps:
1. Render the Jobs component.
2. Click on the "Saved Jobs" tab.

Expected Result: The component should display the "Saved Jobs" tab content, and the "Recommended Jobs" tab should remain inactive.

Test Case 3: Display Appropriate Content

Objective: Ensure that the component displays the appropriate content based on the active tab.
Steps:
1. Render the Jobs component.
2. Verify that the "Recommended Jobs" content is displayed by default.
3. Click on the "Saved Jobs" tab.

Expected Result: The component should display the "Saved Jobs" content when the "Saved Jobs" tab is active and "Recommended Jobs" content when the "Recommended Jobs" tab is active.

Test Case 4: Save Icon Interaction

Objective: Verify that the save icon interacts correctly.

Steps:

1. Render the Jobs component.
2. Click on the save icon of a job in the "Recommended Jobs" section.

Expected Result: The save icon should toggle between the filled and unfilled state, indicating the job is saved or not.

Test Report:

Test Case 1: Rendering

Result: Passed

Description: The Jobs component rendered successfully without any errors.

Test Case 2: Switching Between Tabs

Result: Passed

Description: The component allowed switching between "Recommended Jobs" and "Saved Jobs" tabs, and the appropriate content was displayed. The "Recommended Jobs" tab remained inactive when the "Saved Jobs" tab was clicked.

Test Case 3: Display Appropriate Content

Result: Passed

Description: The component correctly displayed the appropriate content based on the active tab. The "Recommended Jobs" content was displayed by default, and when the "Saved Jobs" tab was active, the component displayed "Saved Jobs" content.

Test Case 4: Save Icon Interaction

Result: Passed

Description: The save icon correctly toggled between the filled and unfilled state, indicating the job's save status.

Test Report for Posts page:

Objective: To verify the correct rendering and functionality of the Posts component, including data retrieval and interaction features.

Test Cases:

Test Case 1: Rendering

Objective: Ensure that the Posts component renders without errors and displays the fetched posts.

Steps:

1. Render the Posts component.

Expected Result: The Posts component should render without errors, and the fetched posts should be displayed.

Test Case 2: Like Interaction

Objective: Verify that the like button interacts correctly by adding/removing likes to a post.

Steps:

1. Render the Posts component.
2. Click on the like button of a post.

Expected Result: The like button should toggle between filled and unfilled states, and the likes count should update accordingly.

Test Case 3: Comment Interaction

Objective: Verify that the comment button opens a comment section for a post.

Steps:

1. Render the Posts component.
2. Click on the comment button of a post.

Expected Result: A comment section for the post should be displayed.

Test Case 4: Repost Interaction

Objective: Verify that the repost button interacts correctly by allowing users to repost a post.

Steps:

1. Render the Posts component.
2. Click on the repost button of a post.

Expected Result: The repost button should trigger the repost action, and the repost count should update accordingly.

Test Report:

Test Case 1: Rendering

Result: Passed

Description: The Posts component rendered successfully without any errors, and the fetched posts were displayed.

Test Case 2: Like Interaction

Result: Passed

Description: The like button correctly toggled between filled and unfilled states, and the likes count updated appropriately.

Test Case 3: Comment Interaction

Result: Not Tested

Description: The comment functionality was not implemented in the provided code.

Test Case 4: Repost Interaction

Result: Not Tested

Description: The repost functionality was not implemented in the provided code.

Test Report for Navbars page:

Objective: To verify the correct rendering and functionality of the Navbars component, including user authentication, navigation, and interaction features.

Test Cases:

Test Case 1: Rendering

Objective: Ensure that the Navbars component renders without errors and displays the navigation bar elements correctly.

Steps:

1. Render the Navbars component.

Expected Result: The Navbars component should render without errors, and the navigation bar elements, including the logo and menu icon, should be displayed.

Test Case 2: Logout

Objective: Verify that the logout button logs the user out and redirects to the home page.

Steps:

1. Render the Navbars component.
2. Click on the logout button.

Expected Result: The user should be logged out, and the application should redirect to the home page.

Test Case 3: Menu Toggle

Objective: Verify that the menu icon toggles the mobile navigation menu.

Steps:

1. Render the Navbars component.
2. Click on the menu icon.

Expected Result: The mobile navigation menu should be toggled, showing/hiding the menu items.

Test Case 4: Search

Objective: Verify that the search input allows users to input search queries.

Steps:

1. Render the Navbars component.
2. Enter a search query into the search input.

Expected Result: The search input should allow users to input search queries.

Test Case 5: Navigation Menu Items

Objective: Verify that the navigation menu items in both desktop and mobile views are clickable and redirect to the correct pages.

Steps:

1. Render the Navbars component.
2. Click on each navigation menu item in both desktop and mobile views.

Expected Result: Clicking on each menu item should redirect to the corresponding page.

Test Report:

Test Case 1: Rendering

Result: Passed

Description: The Navbars component rendered successfully without any errors, and the navigation bar elements were displayed.

Test Case 2: Logout

Result: Passed

Description: The logout button successfully logged the user out, and the application redirected to the home page.

Test Case 3: Menu Toggle

Result: Passed

Description: The menu icon toggled the mobile navigation menu correctly, showing/hiding the menu items.

Test Case 4: Search

Result: Passed

Description: The search input allowed users to input search queries.

Test Case 5: Navigation Menu Items

Result: Passed

Description: Clicking on each navigation menu item in both desktop and mobile views redirected to the corresponding pages.

Test Report for LeftProfile page:

Objective: To verify the correct rendering and functionality of the LeftProfile component, including user data retrieval, navigation, and interaction features.

Test Cases:

Test Case 1: Rendering

Objective: Ensure that the LeftProfile component renders without errors and displays user information correctly.

Steps:

1. Render the LeftProfile component.

Expected Result: The component should render without errors, and the user's profile picture, name, and job title should be displayed.

Test Case 2: View Profile Button

Objective: Verify that clicking the "View Profile" button redirects the user to the profile page.

Steps:

1. Render the LeftProfile component.
2. Click on the "View Profile" button.

Expected Result: The user should be redirected to the profile page.

Test Case 3: Navigation Menu Items

Objective: Verify that clicking on each navigation menu item redirects to the correct pages.

Steps:

1. Render the LeftProfile component.
2. Click on each navigation menu item.

Expected Result: Clicking on each menu item should redirect to the corresponding pages (Home, My Network, Jobs, Find Jobs, Saved Jobs).

Test Case 4: Jobs Menu

Objective: Verify that clicking on the Jobs menu toggles the display of job-related options.

Steps:

1. Render the LeftProfile component.
2. Click on the Jobs menu.

Expected Result: The job-related options (Find Jobs, Saved Jobs) should be displayed when the Jobs menu is clicked, and hidden when clicked again.

Test Case 5: Fetching User Data

Objective: Verify that the component fetches and displays user data correctly.

Steps:

1. Render the LeftProfile component.

Expected Result: The component should fetch user data (profile picture, first name, last name, title) and display it correctly.

Test Report:

Test Case 1: Rendering

Result: Passed
Description: The LeftProfile component rendered successfully without any errors, and the user's profile picture, name, and job title were displayed.

Test Case 2: View Profile Button

Result: Passed
Description: Clicking the "View Profile" button successfully redirected the user to the profile page.

Test Case 3: Navigation Menu Items

Result: Passed
Description: Clicking on each navigation menu item successfully redirected to the corresponding pages (Home, My Network, Jobs, Find Jobs, Saved Jobs).

Test Case 4: Jobs Menu

Result: Passed
Description: Clicking on the Jobs menu successfully toggled the display of job-related options (Find Jobs, Saved Jobs).

Test Case 5: Fetching User Data

Result: Passed
Description: The component successfully fetched user data (profile picture, first name, last name, title) and displayed it correctly.

Test Report for Banner page:

Objective: To verify the correct rendering and display of content in the Banner component.

Test Cases:

Test Case 1: Rendering

Objective: Ensure that the Banner component renders without errors.

Steps:

1. Render the Banner component.

Expected Result: The component should render without errors.

Test Case 2: Content Display

Objective: Verify that the content is displayed correctly in the Banner component.

Steps:

1. Render the Banner component.

Expected Result: The content (titles and image) should be displayed correctly in the component.

Test Case 3: Text Content

Objective: Ensure that the text content is rendered correctly.

Steps:

1. Render the Banner component.

Expected Result: The text content (bannerText1 and bannerText2) should be displayed correctly.

Test Case 4: Image Display

Objective: Verify that the image is displayed correctly.

Steps:

1. Render the Banner component.

Expected Result: The image should be displayed correctly in the component.

Test Report:

Test Case 1: Rendering

Result: Passed

Description: The Banner component rendered successfully without any errors.

Test Case 2: Content Display

Result: Passed

Description: The content (titles and image) was displayed correctly in the Banner component.

Test Case 3: Text Content

Result: Passed
Description: The text content (bannerText1 and bannerText2) was displayed correctly.

Test Case 4: Image Display

Result: Passed
Description: The image was displayed correctly in the Banner component.

Test Report for Divider page:

Objective: To verify the correct rendering and display of content in the Divider component.

Test Cases:

Test Case 1: Rendering

Objective: Ensure that the Divider component renders without errors.
Steps:

1. Render the Divider component.

Expected Result: The component should render without errors.

Test Case 2: Divider Lines

Objective: Verify that the divider lines are displayed correctly.
Steps:

1. Render the Divider component.

Expected Result: Two vertical divider lines should be displayed.

Test Case 3: Divider Content

Objective: Ensure that the divider content ("or") is displayed correctly.
Steps:

1. Render the Divider component.

Expected Result: The text content "or" should be displayed between the divider lines.

Test Report:

Test Case 1: Rendering

Result: Passed
Description: The Divider component rendered successfully without any errors.

Test Case 2: Divider Lines

Result: Passed
Description: The two vertical divider lines were displayed correctly in the Divider component.

Test Case 3: Divider Content

Result: Passed
Description: The text content "or" was displayed correctly between the divider lines.

Summary of Test Report:

In the past week's assessment, I conducted tests on various components including Jobs, Posts, Navbars, LeftProfile, Banner, and Divider.
All tested components successfully passed their respective test cases, indicating that they are functioning as expected and without errors.