

IT-314 : Software Engineering

# GUI Manual Testing Report

Group-25

## UI Components in the Website

### For All Users

- Landing Page
- Login
- Signup
- Forget Password
- Dashboard
- Workspace
- Contact
- Profile

### For Researchers

- View Threaded Discussions
- View Main Chat
- View AI Chatbot

### For Reviewers

- View Main Chat

# **Test Scenarios**

## **Common GUI Checks for All Pages**

### **Test Objective**

To verify common GUI functionalities that are applied across all pages.

### **Checks**

#### **Layout & Visual Rendering**

- All images, icons, and text components must render properly.

#### **Spelling, Grammar & Branding**

- All titles, buttons, labels, and paragraphs should have correct spelling and grammar.
- Brand colors, fonts, and logos must follow design guidelines.

#### **General UI Interactions**

- Check hover states for buttons and links.
- Verify page scrolling behavior.
- Resize browser window to confirm responsive layout.
- Check cross-browser compatibility (Chrome, Edge, Firefox).

# **Landing Page**

### **Test Objective**

To verify that the Home/Landing page displays correctly and that all components function as expected.

### **Steps**

1. Launch the website; it should open the landing page.
2. Click on “Get Started” to navigate to Login/Signup pages.

### **Expected Result**

User should be directed to the Login/Signup page.

## **Test Result**

Pass

# **Navbar**

## **Test Objective**

To verify that the navigation bar works correctly.

## **Steps**

1. Check all navbar links.
2. Verify labels are appropriate.
3. Check if notification messages are displayed when a logged-in user is invited.

## **Expected Result**

All links must work perfectly.

## **Test Result**

Pass

# **Contact Page**

## **Test Objective**

To verify the GUI of the Contact page.

## **Steps**

1. Navigate to the Contact page via navbar.
2. Check if the email link works properly.

## **Expected Result**

All links must function correctly.

## **Test Result**

Pass

# Create Account

## Test Objective

To verify the GUI of the Create Account page.

## Steps

1. Open Create Account page.
2. Verify email using OTP.
3. Check error message for incorrect email format.
4. Check error message for invalid OTP.
5. Verify success message for correct OTP.
6. Enter all required profile details.
7. Validate that all required inputs must be filled.
8. Check error messages for blank/invalid input.
9. Select a role and submit.
10. Verify success or error messages upon submission.

## Expected Result

Appropriate error or success messages must be displayed.

## Test Result

Pass

# Login Page

## Test Objective

To verify the GUI of the Login page.

## **Steps**

1. Open Login page.
2. Enter verified email or username.
3. Verify error message for incorrect input format.
4. Check error message for wrong email/username/password.
5. Verify success message for correct login.

## **Expected Result**

All valid and invalid messages should display correctly.

## **Test Result**

Pass

# **Forgot Password Page**

## **Test Objective**

To verify the GUI of the Forgot Password page.

## **Steps**

1. Navigate to Reset Password via footer (while logged out).
2. Enter invalid/valid email formats and verify proper error messages.
3. Enter valid and invalid OTPs.
4. Enter new password that meets/does not meet criteria and verify messages.

## **Expected Result**

Password should reset successfully, and all error messages must display properly.

## **Test Result**

Pass

# Dashboard

## Test Objective

To verify the GUI of the Dashboard.

## Steps

1. Open dashboard and verify alignment.
2. Create a workspace and check if it appears.
3. **Bug:** Multiple workspaces with the same name can be created.
4. Check error message if workspace title starts with digit, underscore, or blank space.
5. Description is optional.
6. Verify case-insensitive workspace search.
7. Verify all valid workspaces appear.
8. Researcher can delete workspaces; reviewer cannot.
9. Click workspace to open it.

## Expected Result

All data should display properly; if no workspace is found, dashboard should show appropriate message.

## Test Result

Pass

# View Profile

## Test Objective

To verify the GUI of the Profile page.

## **Steps**

1. Open profile from dashboard.

2. User should see:

- Email
- Joining date
- Last login date and time
- Total messages sent
- Total PDFs uploaded

## **Test Result**

Pass

# **Workspace**

## **Test Objective**

To verify GUI testing of the workspace.

## **Steps**

1. Open any workspace.

2. Verify workspace name is displayed.

3. Upload PDF (only .pdf format accepted).

4. Search PDFs using substring (case insensitive).

5. Open PDFs (same PDF can be uploaded multiple times).

6. Verify delete PDF option.

7. Invite a valid user.

8. Verify messages for:

- User already in workspace
- Invalid user
- User has pending invite

9. Check role-based access for researcher vs reviewer.
10. Verify workspace creator can edit roles.
11. All members should display with roles and creator marked with star.
12. Create notes and verify save functionality.
13. Check highlight, underline, and undo annotation options.
14. Select valid text → must appear in threaded discussions.
15. Send chat → must save with timestamp.
16. Check chats of other users.
17. Check AI summary for uploaded PDFs.

### **Test Result**

Pass

## **Bugs in Website**

- Workspace description is not visible in dashboard.
- Delete workspace option appears only after opening the workspace once.
- Upper limit of username and password length is not specified.