

CS673 Software Engineering

Team 3 - PlanningJam



Software Test Document

<u>Team Member</u>	<u>Role(s)</u>	<u>Signature</u>	<u>Date</u>
Jason	QA	<u>JasonLee</u>	<u>09/21/2025</u>
David Metraux	Team Leader	<u>David Metraux</u>	<u>9/21/2025</u>
Ashley Sachdeva	Requirements Leader	<u>Ashley Sachdeva</u>	<u>9/21/2025</u>
Donjay Barit	Configuration Leader	<u>Donjay Barit</u>	<u>9/21/2025</u>
Haolin	Design and Implementation Leader	<u>Haolin Yang</u>	<u>9/21/2025</u>

Revision history

<u>Version</u>	<u>Author</u>	<u>Date</u>	<u>Change</u>
<u>0.0.0</u>	Ashley Sachdeva	<u>09/21/2025</u>	<u>Added additional frontend testing steps</u>

[Testing Summary](#)

[Manual Tests Reports](#)

[Automated Testing Reports](#)

[Testing Metrics](#)

[References](#)

[Glossary](#)

● Testing Summary

In this section, you will summarize what was tested, who is involved in testing, when to test, testing techniques used, and testing result. You may have the following tests

- Unit Testing
- Integration testing
- System Testing
- Acceptance Testing
- Regression Testing

On elements in the frontend, you often have to check if other

● Manual Testing Report

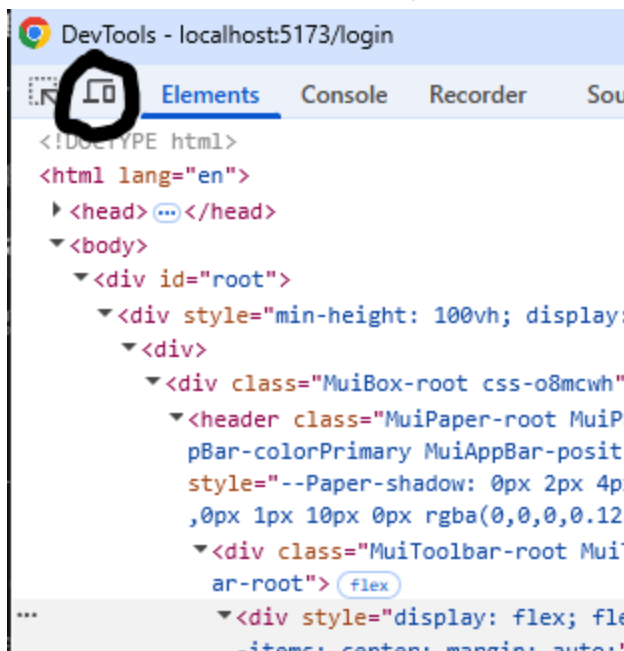
In this section, you will give a detailed description of each manual test case performed and the result. If this is a previous You shall list what are existing tests developed in the previous semester and what are new tests developed currently.

Here is a sample template that can be used for each test case. For system tests or acceptance tests, you may also include some screenshots.

- Test case ID, name
- New or old:
- Test items: (what do you test)
- Test priority (high/medium/low)
- Dependencies (to other test case/requirement if any):
- Preconditions: (if any)
- input data:
- Test steps:
- Postconditions:
- Expected output:
- Actual output:
- Pass or Fail:
- Bug id/link: (this should link to your github issue id)
- Additional notes:

(You can use an additional spreadsheet for this section as well)

- Test case 1: **Browser testing**
- Test items: Using Chrome or other devtools, verify that items are displayed correctly on different browsers and on different viewpoint sizes..
- Test priority (high)
- Dependencies (to other test case/requirement if any): N/A
- Preconditions: (if any)
- input data: Depends on the item
- Test steps:
 1. Load location where element will be viewable on a browser
 2. Determine it is still can be viewed and interacted with at a variety of viewpoint sizes (via toggle device toolbar)
 3. Attempt again on a different browser
- Postconditions:
- Expected output:
The element to look as desired
- Actual output: N/A
- Pass or Fail: N/A
- Bug id/link: N/A
- Additional notes:
This is how I can check various viewport sizes



- Test case 2: **Login**
- Test items: Login flow for user
- Test priority: High
- Dependencies (to other test case/requirement if any): Must have an existing account
- Preconditions: (if any): user is registered
- input data: email: username: asach8888 pwd: mimic123
- Test steps:
 - Navigate to login
 - Enter username

- Enter password
 - Click login
 - Clicking signup will redirect you to the signup page
- Postconditions: Successfully login, redirect to home page
- Expected output:
- Actual output:
- Pass or Fail:
- Bug id/link: (this should link to your github issue id)
- Additional notes:
 - If a user enters incorrect username/password correct error message is shown
 - If a user tries to access login/signup from there they get redirected to homepage until they logout
- Test case 3: **Signup**
- Test items: Signup flow for user
- Test priority: High
- Dependencies (to other test case/requirement if any): none
- Preconditions: (if any):
- input data: email: username: xxx, email: xxx@gmail.com, pwd: mimic12345, confirm pws
- Test steps:
 - Navigate to signup
 - Fill out form
 - Click sign up
 - Clicking Login will redirect you to login
- Postconditions: Successfully registered and logged in, redirect to home page
- Expected output:
- Actual output:
- Pass or Fail:
- Bug id/link: (this should link to your github issue id)
- Additional notes:
 - Filling out an existing username will fail validation
 - Incorrect email format will fail validation
 - Passwords being too short, common, or all numerical will fail validation
 - If a user tries to access login/signup from there they get redirected to homepage until they logout
- Test case 4: **Logout**
- Test items: Logout flow for user
- Test priority: medium
- Dependencies (to other test case/requirement if any): none
- Preconditions: (if any):
- input data: None
- Test steps:
 - Navigate to /logout
- Postconditions: Successfully logged out, redirected to login page
- Expected output:
- Actual output:
- Pass or Fail:
- Bug id/link: (this should link to your github issue id)

- Additional notes:
 - Navigating to home page redirects them back to login
- Test case 5: **Token Expiration**
- Test items: Expired token for user authentication
- Test priority: high
- Dependencies (to other test case/requirement if any): Logged in user
- Preconditions: (if any): User is logged in for 60 minutes
- input data: None
- Test steps:
 - If the user is logged in for 60+ minutes on the application they will be logged out
 - Login for 1 hour or change JWT in [settings.py](#) to something shorter like 10 seconds
 - Refresh screen, should be redirected to login
- Postconditions: Successfully logged out, redirected to login page
- Expected output:
- Actual output:
- Pass or Fail:
- Bug id/link: (this should link to your github issue id)
- Additional notes:
 - Navigating to home page redirects them back to login

● Automated Testing Report

Describe briefly the automated testing you have done, including where the test code resides in your code repository, what test frameworks are used, and the screen shots or generated testing report.

● Testing Metrics

In this section, you shall report any metrics used for the evaluation, e.g. # of test cases, test coverage, defects rate, etc.

● References

● Glossary