CS673 Software Engineering
Team 6 - College Street
Software Test Document

Your project Logo
here if any

Team Member	Role(s)	Signature	Date
Theerarun Tubnonghee (Steve)	Team Leader/	*Theerarun Tubnonghee*	11/9/2023
Aishwarya Raja	Configuration Mgmt	*Aishwarya Raja*	11/9/2023
Nidhi Desai	Quality Assurance	*Nidhi Desai*	11/9/2023
Subhajit Das (Jeet)	Back-End Lead	*Subhajit Das*	11/9/2023
Vedant Gupta	Design/Product Implementation	*Vedant Gupta*	11/9/2023
Yin Xiancheng(Xanthus)	DevOps (combine of FE/BE, domain, ...)	*Yin Xiancheng*	11/9/2023
Chenyang Lyu (Nick)	Front-End Lead	*Chenyang Lyu*	11/9/2023

Revision history

Version	Author	Date	Change
1.0	Steve/Nidhi	11/10/2023	Writeup
1.1	Nidhi	12/11/2023	Add-Testing

● Testing Summary

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

- Unit Testing : Testing of individual components, modules, or functions in isolation.
    - identifying and addressing code-level issues.
    - Involvement : FE/BE Team members ; QA lead
    - Technique : Test individual components
    - Testing Results :
- Integration testing : Testing the interaction between different components or modules.
    - detect interface issues and data flow problems.
    - Involvement : Config lead ; QA lead
    - Technique : Testing combined interaction with multiple components
    - Testing Results : Data flows properly, not found combined issues
- System Testing : Assessing whether the system meets its defined requirements.
    - discover system-wide defects and issues.
    - Involvement : Design lead ; Config lead ; QA lead
    - Technique : System Functionality and Performance
    - Testing Results : System met the requirements
- Acceptance Testing : Validating that the system satisfies the end-users' requirements.
    - system meets functional and non-functional criteria
    - Involvement : Team lead ; Design lead ; QA lead
    - Technique : Validate with user requirements/stories
    - Testing Results : UI flows met requirements, but UX and Interfaces need attention
- Regression Testing : Ensuring that new changes have not introduced unintended side effects
    - ensure the system's stability after modifications
    - Involvement : Config lead ; QA lead

■ Technique : Automate testing, ensuring new feature do not affect existing code
■ Testing Results : No Testing done, tentative for Iteration 3

● 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)

Sr No	Test Case	Acceptance Criteria	Result	Priority	Comments
1	Login	1 - The user should be able to login using their username and password. 2 - On keeping any fields empty and clicking login there should be a promo to ask user to enter the required details 3 - Error message should be printed on giving wrong email or password 4 - After logging in, user should be directed to the	75% Pass	High	1 - The error messages will be used in the next iteration

		marketplace page			
2	Registration	1 - The user should be able to register on using only their .edu emails 2 - The user should be prompted to enter the required fields on clicking submit if the fields are empty. 3 - There should be an error message when user enters an existing email	Pass	High	
3	Forgot Password	1 - On clicking forgot password, the user will be taken to a new page where they can change the password	Fail		Forgot password feature functionality not Implemented
4	Contact Us	1 - The user should be able to send an email to the team member after entering their details 2 - The phone number acceptance should be of length of just 10 digits. 3 - Only .edu emails accepted	Fail	Medium	1 - The phone number accepted is not of length 10, all email types accepted
5	Add product	1 - User should be able to add(create) product to the marketplace and it should be displayed in the marketplace page. 2 - User should be able to add png and jpg image types.	Pass	High	
6	Delete Product	1 - The user should be able to delete their own product which they have posted. 2 - After deleting the product, user should be directed to marketplace page	Pass	High	1 - User is able to delete their own posted products. 2 - After deleting the product, the user does not navigate to the marketplace page.

7	View Profile	1 - User should be able to check other user's profile and see which products are they selling and their email id.	Pass	High	1 - User is able to view other user's profile and see what they are selling and their email id.
8	User Profile	1 - User should be able to edit their own profile, right from change password to changing their name.	Fail	Medium	Not Implemented
9	Search	1 - User should be able to search about a particular product.	Pass	High	
10	Edit Product	1 - User should be able to edit product listing and save it.	Pass	Low	
11	Filters	1 - The user should be able to use filters for price, location (Not using Gps functionality) and category(Books, Notes, Household, Other)	Pass	High	
12	Report [OPTIONAL]	1 - The user should be able to report a post. On having a certain number of posts the Listing will be deleted or the report will be reviewed by a team member and deleted		Low	
13	Chat	1- The User should be able to chat with the seller. 2 - The user should be able to see the contact list on the left sidebar	Pass	High	

● 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 screenshots or generated testing report.

- Automation testing will be done in Iteration 3.
- Cypress will be used for Component and end-to-end testing. The code for Component testing is written but will be changed accordingly in the next iteration.

This table will be updated after every component is tested. Screenshots will be added later
Updated- 11/16

Sr No	Component	Acceptance Criteria	Result	Comments
1	Contact Us Form	1. Should render ContactUs section 2. Reject phone numbers with lengths less than or greater than 10 3. Reject any email other than .edu	Partial Pass	Accepts phone numbers of any length and accepts all emails
2	Register	1. Should render the Register form 2. Should reject Registration attempt if only 'join' is clicked 3. Register a new user 4. Rejects emails other than .edu 5. Displays error when registering with existing email	Pass	
3	Login	1. Should render the Login form 2. Should reject login attempt if only 'Login' is clicked 3. Login with valid credentials 4. Reject emails other than .edu 5. Displays error when Logging in with invalid credentials 6. Should navigate to forgot password page with "Forgot Password" is clicked 7. Should navigate to Marketplace after logging in	Partial Pass	Does not display an error message. No forgot password functionality yet
4	Marketplace	1. Should display a list of products after fetching products 2. Should display "no products are found" if there are no products 3. On clicking a product it should	Pass	

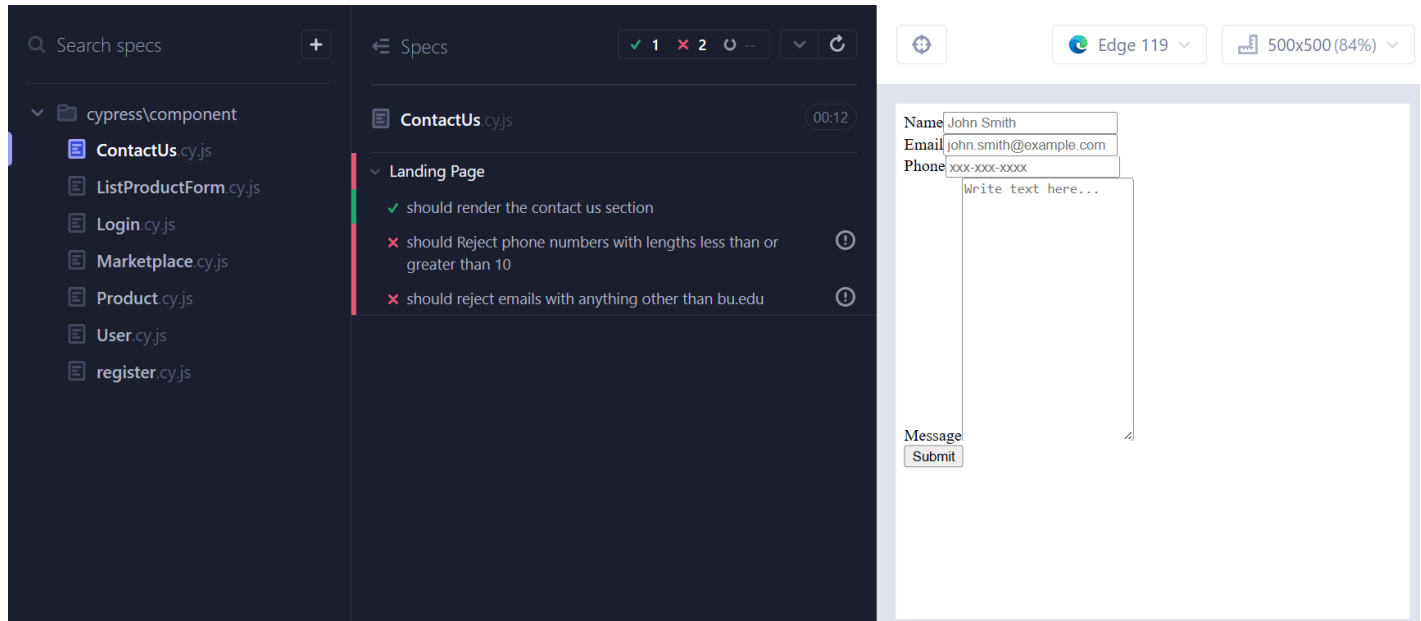|				
		navigate to the product page 4. On clicking Create a pop-up should be visible		
5	List Product form	1. Should render the Product form 2. Should Accept Title, Description, Price, Category, Location	Pass	
6	Product	1. Should be able to edit product listing and save it. 2. The user should be able to delete their own product which they have posted. 3. After deleting the product, user should be directed to marketplace page		

- ## Testing Metrics

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

  We will run this in Iteration 3

  Number of Test Cases:
  Test Coverage: %
  Defects Rate: % (measured as defects per functional point)

- ## References

- ## Glossary