

TEST PLAN

fabriclagbe

Abstract

This document provides an overview of the project and describes the test plan also.

Sabbir Al Mamun

sabbirmamun121221@gmail.com

VERSION HISTORY

Version	Write by	Revision Date	Approved By	Approval Date	Outline

TABLE OF CONTENTS

INTRODUCTION.....	3
1 ANALYSE THE PRODUCT.....	3
2 DEVELOP TEST STRATEGY.....	4
2.1 Define the scope of testing.....	4
2.2 Identify testing type.....	5
2.3 Document risk and issue.....	5
2.4 Create test logic.....	5
3 DEFINE TEST OBJECTIVE.....	6
4 DEFINE TEST CRITERIA.....	7
4.1 Suspension criteria.....	7
4.2 Exit criteria.....	7
5 RESOURCE PLANNING.....	7
5.1 System Resource.....	7
5.2 Human Resource.....	8
6 PLAN TEST ENVIRONMENT.....	8
7 SCHEDULE & ESTIMATION.....	9
8 RELEASE & TEST DELIVERABLES.....	10
8.1 Before testing phase.....	10
8.2 During the testing.....	10
8.3 After the testing cycle is over.....	10
9 AUTOMATION PLANS.....	N/A
10 SECUIRITY CRITERIA.....	N/A
11 PERFORMANCE TEST.....	N/A
12 USABILITY TEST.....	10

INTRODUCTION

This test plan is a rule book for testing the project [fabriclagbe](#).

The test plan describes the strategy, objective, schedule, estimation, delivery, and resource requirement for testing the project fabriclagbe. It describes the scope and approach also. The plan identifies the item or feature to be tested or not to be tested. The plan identifies the risk of the product and also helps to mitigate the risk.

1 ANALYZE THE PRODUCT

The product under test is the fabriclagbe website. We research this application from clients and end users to know their needs and expectations.

- Who will use the website?

This website is an e-commerce website and it aims to connect national and international buyers with local industries and traders to buy and sell Textile & Garments products like Fabric, Yarn, Cotton, RMG, Machine, Trims & Accessories. Buyers, sellers & Mill Factory owners will use this.

- What is it used for?

This application is used to Buy & Sell Textile & Garment products like (Fabric, readymade garments, Yarn, Cotton, Machines, Trims & Accessories) worldwide.

- How will it work?

In this application buyers and sellers buy and sell Textile & Garment products worldwide. Seller and buyer will register on this website then the seller posts their products and the buyer buys their product from this application.

Buyers & sellers buy and sell their products using an Open bidding system covering all categories of textile necessities.

2 TEST STRATEGY

2.1 Scope of testing

2.1.1 Feature to be tested

Features name	Application Roles	Description
Home	Customer	Customer: The customer can able to see the homepage without any hesitation
Registration	Customer	Customer: The customer can able to register in fabriclagbe.
Login	Customer	Customer: Customer can log in to their account to get services from Fabriclagbe
Products	Customer	Customer: The customer can see the all products and access the all products.
Mobile app	Customer	Customer: Customers can download the mobile app from the Play Store and use it.
Blog and Media	Customer	Customer: Customers can see the blog and media.
Contact Us	Customer Admin	Customer: The customer can contact the admin and get a solution from the admin. Admin: Admin can contact the customer and give them the solution.
Dashboard	Customer	Customer: Customer can see their all Information in this Dashboard.

2.1.2 Feature not to be tested

- Hardware interfaces
- Software interfaces
- Database interfaces
- API interfaces
- Security
- Performance

2.2 Test Type

- Integration testing
- System testing
- Usability testing
- Acceptance testing

2.3 Risk and Issues

Risk	Prob	Impact	Mitigation
The project schedule is highly compromised. It is hard to complete the project on time.	High	High	Brief this risk to the QA team and set the priority for each activity.
Wrong budget estimate	Medium	High	Brief this risk to the product owner or company and prepare the budget for the risk.
Not enough resources	Medium	High	Trying to expand the resources or holidays has been estimated and built into the schedule.

2.4 TEST LOGESTISC

2.4.1 Who will test?

QA team or tester will test the project.

2.4.2 When will the test occur?

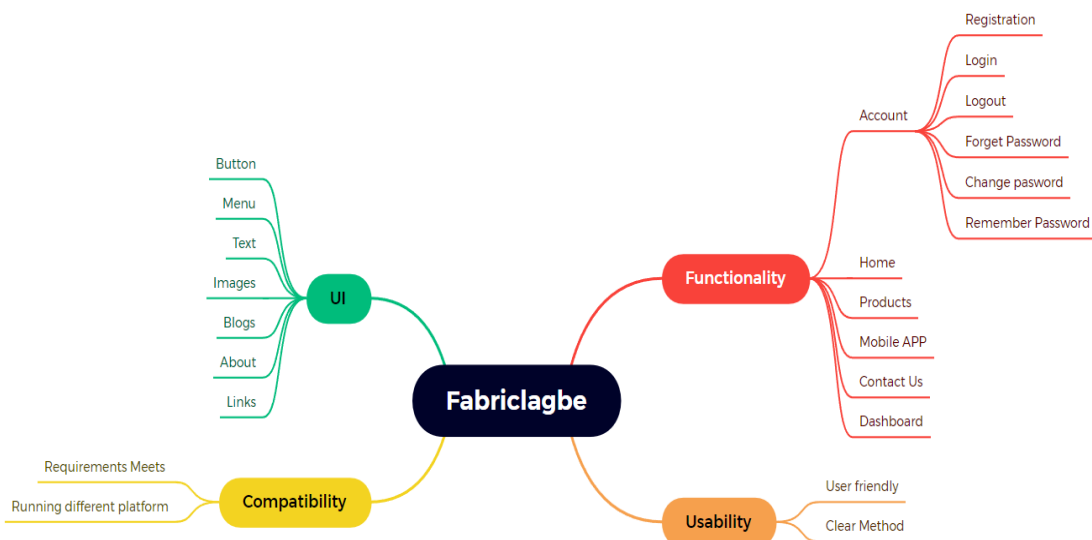
- Product is available for testing.
- System resources are available.
- Environment setup done.
- Skilled Human resource is available for testing.

3. TEST OBJECTIVE

Here verifies the functionality of the website e fabriclagbe. To ensure bug-free software the testing process should focus on

- Functional testing: During functional testing, the team will use preloaded data which is available on the system at the time of execution.
- UI testing.
- Usability testing.
- Compatibility testing.

Fabriclagbe mind maps



4. TEST CRITERIA

4.1 Suspension criteria

When a test case is run by the tester and the run rate is 100 % but 20 % of test cases fail then suspend testing until the DEV fixes it.

4.2 Exit criteria

- When 100 % of test cases are executed and the pass rate is a minimum of 85 to 90% then it should allow exiting.
- If 100% of test cases are not executed then a clear reason is given mandatory.
- No open critical and high-severity defects.
- All remaining defects are either canceled or documented as a change request for a future release.
- All defects logged in **HP ALM**.
- Test closure memo completed and signed off.

5. RESOURCE PLANNING

5.1 System resource

Resources	Description
Test Tool	Develop a test tool that can auto-generate the test result and automated test execution like JIRA
JIRA	Need JIRA for bug tracing and report the bug to the DEV.
Network	Setup a LAN and 1 internet line with a speed minimum of 8 mb/s
Computer	At least 3 to 6 computers run with Windows 10, RAM 4GB, 128GB SSD, CPU 3.4GHZ.

5.2 Human Resources

Roles	Name & Contact	Task
Project Manager	N/A	Manage the whole project.
Business Analyst	N/A	Describe the user stories to the tester.
Test Lead	N/A	Identify, Verify, and access the test approach. Execute the test case, log results, and report the defects. Provide guidelines on how to manage bugs. Give the OK to start the next level of testing.
Developer In Test	N/A	Implement the test cases and test suite.
Test Administrator	N/A	It helps to set the environment and supports the tester to use the test environment easily.
SQA Members	N/A	Check to confirm the testing process is meeting the requirement.

6. TEST ENVIRONMENT

A Windows environment with Internet Explorer 8,9,10, windows 7,10, and with Firefox 27.0. Besides Chrome 32.0.

- Server.
- Internet setup.
- Lan WIFI setup.
- Private network setup.
- **Virtual Test Environment.**

7. SCHEDULE & ESTIMATION

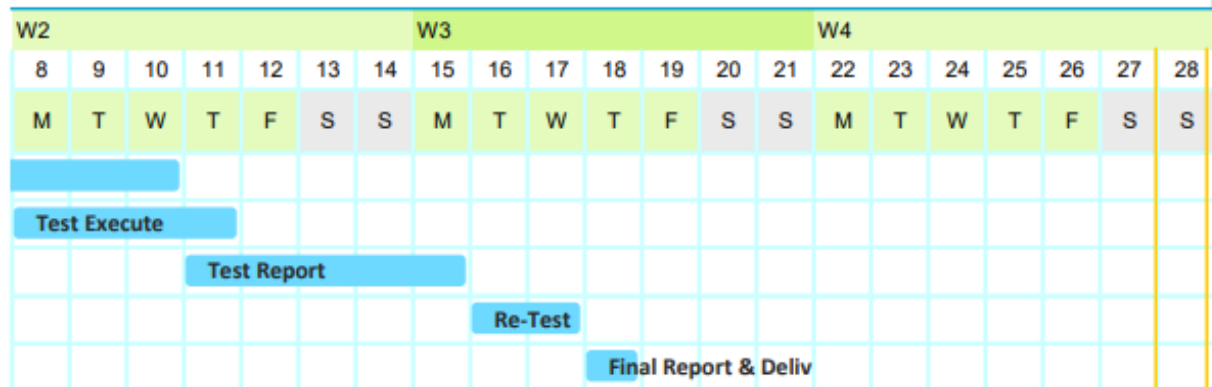
7.1 Estimation

Task (WBS)	Member	Estimate Effort
Create Test Specification	Test Designer/Lead	150 man-hours
Test Execute	Tester	65 man-hours
Test Report	Tester	15 man-hours
Re-Test	Tester	20 man-hours
Final Report & Delivery		10 man-hours
Total		260 man-hours

7.2 Schedule

Project Name - Fabriclagbe			
Project Lead: Sabbir Mamun			
Project Budget: Estimated: \$0.00 Baseline: \$0.00 Task Costs: Estimated: \$1,250.00 Baseline: \$0.00 A			
WBS	Task	Priority	Resource
▶ 1	Create Test Specification	HIGH	
▶ 2	Test Execute	NORMAL	
▶ 3	Test Report	NORMAL	
▶ 4	Re-Test	LOW	
▶ 5	Final Report & Delivery	NORMAL	

						January-2024						
						W1						
						1	2	3	4	5	6	7
						M	T	W	T	F	S	S
actual: \$1,080.00						Create Test Specific						
Start	Finish	Duration	Done	% Complete								
Mon 01-Jan-24	Wed 10-Jan-24	8	✓	100%								
Mon 08-Jan-24	Thu 11-Jan-24	4	✓	100%								
Thu 11-Jan-24	Mon 15-Jan-24	3	✓	100%								
Tue 16-Jan-24	Wed 17-Jan-24	2	✓	100%								
Thu 18-Jan-24	Thu 18-Jan-24	1	✓	100%								



8. TEST DELIVERABLES

8.1 Before Testing

- Test plan document.
- Test case document.

8.2 During Testing

- Test Script.
- Simulations.
- Test Data.
- Test matrix.
- Error and excitation.

8.3 After Testing

- Test reports.
- Bug report.
- Installation procedure.
- Release.

12 USABILITY

Check the application meets the user requirements and the application is user-friendly.

