Garments Sector in One Place

A Software Quality And Testing Project Submitted

By

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Under the supervision of

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Approval

The project titled "Garments Sector in One Place" has been submitted to the following respected members of the board of examiners of the Department of Computer Science, American International University-Bangladesh [AIUB] in partial fulfilment of the Test Plan for this project on Software Quality and Testing Course on April 06, 2020 and has been accepted as satisfactory.

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1. Introduction

This project aims for the betterment of the Readymade Garments (RMG) sector in Bangladesh. The project will create an open access digital platform for everyone related to RMG sector, e.g.-factories yielding small- and large-scale production, all kind of buyers etc. Both buyers and factories can use this platform for their manifold business purposes such as giving advertisements, bidding for orders. This platform will play a key role as an intermediary or third party between Bangladesh RMG sector and buyers from all over the world, and thereby will have an active contribution to international trade. It will make the business easier and smoother. The website will be effectively controlled by the admins to make it free from all bugs and unwanted ads. Admins can only control the ads, promotions and offers. Along with this, a well update rating and review option will assist both the buyers and producers in taking them the right decision. Like every endeavor our project will face challenge and an advanced meticulous plan, an effective, experienced and energetic team equipped with the updated technical know-how and practical business knowledge will be able to overcome the challenges. If the project becomes successful, it will be the Amazon or the e-bay of the RMG sector within a few years.

1.1 Propose/Objectives

Feasibility study will provide the fundamental investigations into the potential benefits associate with the project. We want to make an online market place for buyers and garments. We think it will be a great feasibility in garments sector and a new invention where garments and buyers can make a communication between them. Our project is all about to improve the garments sector more and make a more feasibility in this sector. Now in our garments sector is going to be destroyed day by day. Here almost 57 garments which are registered in BGMA. According to BGMA report buyers are taking themselves from Bangladesh and make their business with other country. Here we are hoping that this project will be more effective for the garments sector. We know there are lot of new garments which are working with their new designs, new idea, and new thought in our research they are facing some problems for their marketing or getting buyers. Here our project is an online garments market place. Where buyers can give their orders as well as garments can promote too.

1.2 Our solution to the problem:

: In this project we are going to develop a website for the foreign buyers, the garment owners also for the local people who have a dream to build their own garment business. From our application, when a buyer wants to order any product. All the details will come to us that, what he wants to order, what is the amount, what fabric he wants to use, what is the cost he can provide for each product and the delivery time for the products. After collecting all the information, we are going to invite all the garment owners that we have an order from a buyer and he want that products and all the conditions. Then it will be an open field for all the factory owners and the local people that they can apply for the order and ensure that they can fulfill all the requirements the buyer wants. We are playing the role as a via between the buyer and the factories. The factories will provide us the fabric testing result as well as how many machine lines and also the work power they have. After getting all the details we will going to choose the best factory for the product from there details and assign a factory for the order. There will be a review system for the buyers to give feedback of the products from where we can consider a factory as good or bad.

1.3 Why This Project Is Different:

We are proposing some different system for our garments sectors. We believe that this system will be very effective for RMG sector. In our market research we did not find any market place which are only used for garments sector. Some sites are existing but maximum is made by buying house or garments. We found some addresses which serve like whole and retail. But in this project, we are making a system like Upwork, Fivers but it will only use for RMG sector.

Two points are given bellow, for these points we can say that system will be giving something new and we can demand that there is nothing has happened before like this.

Two features are:

Bid:

Buyers can give any order on their wall. It will be in their profile. And it will show to homepage where garments can see. If garments want to see the details obviously they have to be registered. Buyers order will be shown to homepage. If the amount of orders is high then it will be shown to homepage all time. Again buyers can boost their order. Against it we will charge on them a little amount. If garments are interested then they will bid the order. They can comment in order and offer to buyer the suitable rate. When buyer will select garments then notification will come to us (admin) and the garments.

Garments Promotion:

Garments will get a benefit of promotions. As this website will be a market place so that's why garments can give their promotion easily. They have their own profile and there they can upload their suitable things. If they make their promotion on homepage then they will have to give boosting amount. Also they can upload their pictures, videos etc for attract buyers.

1.4 Document Conventions

• Entire document should be justified.

• Convention for main title

1. Font face: Times New Roman

2. Font style: Bold

3. Font Size: 14

• Convention for Sub title

1. Font face: Times New Roman

2. Font style: Bold 3. Font Size: 14

• Convention for body

1. Font face: Times New Roman

2. Font Size: 12

1.5 Project Scope:

This software-based website which will be a big market place for garments where garments and buyers can communicate each other. In this website the main theme is buyer can find the garments and also garments can find the buyers.

Other also benefits are given below:

Buyers can search garments and can get information about that garments.

- Garments can make their promotion through this site. It will be a promotion or marketing place for garments and buyers. As buyers will come here for deal their business with garments so they can be attracted by garments promotion. So, they can get garments easily. And also, garments can get buyers
- Buyers will mainly come this site for making their business easily and cheap. So here we will give an option for bidding. Buyers can give their business deal which will be considered as a tender. They can give their demand and products details which they need. And garments can bid there. Garments can bid there with suitable amount. Buyers can select garments.
- When buyers give the tender and garments will bid it, then buyers can click the garments profile and can see their work type. Garments profile need to be cleared. Garments can also see the buyer's profile.

- Now in our country there are many new startups coming. They are buyers as well as garments. Most of the time we can see buyers can't give their products to the correct garments. Many of times they being cheated. On the other hand, garments can't get the proper buyers. This platform will be benefited for both.
- Our local handmade craft are demandable for foreign. Day by day in our villages there are many people coming in this business. Again, we see many businesses have been lost for lack of buyers. They don't know how to get the proper buyers. That's why these sectors going to be lost day by day. But this platform will be started properly I Think we can attract the foreign buyers and let them know about these feasibility sector.
- Now our garments sector losing their business. Almost foreign buyers are involving with China, Vietnam, and Turkey etc. According to BGMA report almost 57 garments are closed. These garments were member of BGMA. And almost 25 Garments more which were little and not member of BGMA are closed. We think if we make this website then our garments sector will be benefited more.
- In China and Vietnam, they have many garments which have their own online. So, buyers can give there order there. But here we are making these business with several buyers and garments.
- If any buyers don't get their products properly, they can claim that garments to us and we will make steps against them.
- In our proposed system here shipment system will also be included.
- As the world is going to be dependent in online, and these market place has not been exited yet. So, we hope that this platform will be beneficiated to the garments sector
- We will give an option for shipment where lot of company will be added.
- Buyers and garments can give rate each other.

2.1 Product Perspective

- Garments information will be provided.
- Buyers info also be provided to the garments.
- Buyers can give their order as a tender.
- Garments can bid orders.
- Buyers can see garments advertisement
- Garments can promote their marketing easily through this platform
- Show garments proper address.
- Show buyers authentic info
- Show buyer office details
- Show system ratings of all users
- Buyers can be attracted by garments advertisement.
- Garments can make deal with buyers with demand.
- Categorized system will be added in this system.
- Garments and buyers will be categorized.

2.2 Design and implementation constraints

• The information of all the users must be stored in a database.

• For garments trade license number and for buyers NID/Driving license/Passport   used for the authentication.

 • Users will get the OTP after forget the password for recover their profile.

 • The system only the android platform friendly.

 • Since red and green color blindness is most common, red and green color shall not be used for important texts.

• This android environment shall not contain blue text which will confuse users to be links.

 • This application will be developed using the android studio IDE.

• This system must be complying with government regulations for usage by visually impaired persons.

2.3 Operating Environment

This is an Android base application. So, customer can access the system on mobile or tablet of the restaurant.
• OS: Android, Web

– Version: Up to 5.0 7

 • Develop Tool:

 – Language: JAVA, XML, Php

 – Database: MySql

 Authentication: API –

 IDE: Android Studio, Visual Studio

3 System Features

3.1.1Admin:

- Add requesting buyers and garments.
- Update these features
- Verified profiles of garments.
- Verified buyers' profile.
- Update/modify/create new content.
- Update/modify/ create offers or specialty.
- Register garments and buyers.
- See the complains of users.

3.1.2Buyers:

- Give order which will be consider as a tender.
- Search garments.
- See the categorized garments.
- Also buy products which will be promoted by garments.
- See the garments details.
- See the work style of garments.
- Can be attracted garments promotion.
- Have lot of various type of garments.
- Buyers can get garments by their demand.

3.1.3Garments:

- Garments can choose the order.
- Update their profile.
- Promote their profile.
- Give advertisement.
- Get info of buyers.
- Bid buyers order.
- Search buyers.
- Promotion their products.
- Promotion their work type.
- Upload their garments/products or something else which will attract buyers.
- Can give discount.
    - Buyers can claim against garments.

3.1.4Unregistered User:

- See the garments and buyer's promotion.
- See homepage where garments and buyers advertise will be shown.

3.1.5 Registered Users:

- Search/See
- Check details and update profile

3.2 Functional requirement

Admin:

- Admin shall be able to add requesting buyers and garments.
- Admin shall be able to update these features
- Admin shall be able to verified profiles of garments.
- Admin shall be able to verified buyers' profile.
- Admin shall be able to update/modify/create new content.
- Admin shall be able to update/modify/ create offers or specialty.
- Admin shall be able to register garments and buyers.
- Admin shall be able to see the complains of users.
- Admin shall be able to make boosting for buyers and garments.

Buyers:

- Buyers shall be able to place order.
- Buyers shall be able to search garments.
- Buyers shall be able to see the categorized garments.
- Buyers shall be able to also buy products which will be promoted by garments.
- Buyers shall be able to see the garments details.
- Buyers shall be able to see the work style of garments.
- Buyers shall be able to have lot of various type of garments.
- Buyers shall be able to see the garments details.
- Buyers shall be able to see the work style of garments.
- Buyers shall be able to have lot of various type of garments.
- Buyers shall be able to get garments by their demand.
- Buyers shall be able to claim against garments.

Garments:

- Garments shall be able to choose and select orders.
- Garments shall be able to update their profile.
- Garments shall be able to promote their profile.
- Garments shall be able to give advertisement.
- Garments shall be able to get information of buyers.
- Garments shall be able to bid buyer's order.
- Garments shall be able to search buyers.
- Garments shall be able to promotion their products.
- Garments shall be able to promotion their work type.
- Garments shall be able to upload their garments/products or something else which will attract buyers.
- Garments shall be able to give discount.

Unregistered User:

- Shall be able to see the garments and buyer's promotion.
- Shall be able to see homepage where garments and buyers advertise will be shown.

Registered Users:

- Shall be able to search/See
- Shall be able to check details.
- Shall be able to update profile.
- Shall be able to modify and keep updating their profile always.

3.3 Non functional requirement

- The front page must be loaded in 3-5 second.
- Password shall never be view able at login time or at any time.
- The system shall be able to handle users with affecting its performance.
- System shall be able to process notification and delivered properly to users within 1 sec or less.
- Only admin can see the request of registration.
- Admin will maintain the boosting or promotion of users.
- When orders will be selected from garments and buyers, those specific and garment and buyer as well as admin will be able to show the notification.
- When buyers will select garments from bidding then notification will be going to that garment as well as admin.

4. Test Plan

4.1 Feature to be tested

4.1.1 Admin feature

FR_1: Admin shall be able to login to the system.

FR_2: Admin shall be able to add requesting garments.

FR_3: Admin shall be able to add requesting buyers.

FR_4: Admin shall be able to create new content.

FR_5: Admin shall be able to update content

FR_6: Admin shall be able to register garments

FR_7: Admin shall be able to register buyers.

4.1.2 Buyers features:

FR_8: Buyers shall be able to register.

FR_9: Buyers shall be able to place order.

FR_10: Buyers shall be able to search garments.

FR_11: Buyers shall be able to see the categorized garments.

FR_12: Buyers shall be able to also buy products which will be promoted by garments.

FR_13: Buyers shall be able to see the garments details.

FR_14: Buyers shall be able to see the work style of garments.

FR_15: Buyers shall be able to get garments by their demand.

FR_16: Buyers shall be able to claim against garments.

4.1.3 Garments Features

FR_17: Garments shall be able to registration to the system.

FR_18: Garments shall be able to login to the system.

FR_19: Garments shall be able to update their profile.

FR_20: Garments shall be able to choose and select orders.

FR_21: Garments shall be able to give discount.

FR_22: Garments shall be able to search buyers.

FR_23: Garments shall be able to get information of buyers.

FR_24: Garments shall be able to upload their garments/products or something else which will attract buyers.

4.1.4   Registered Users

FR 25. Registered Users shall be able to search/see.

FR 26. Registered Users shall be able to check details.

FR 27. Registered Users shall be able to update profile.

4.1.5   Non-functional Requirements

FR 28: The front page must be loaded in 3-5 seconds.

FR 29: Password will never be view able at login time or at any time.

FR 30: System shall be able to process notification and delivered properly to users within 1 sec or less.

FR 31: Only admin can see the request of registration.

FR 32: When orders will be selected from garment, those specific garment and buyer as well as admin will be able to see the notification.

FR 33: When buyers will select garments from bidding then notification will go to that garment and the admin.

4.2 Test Deliverables

1. Before testing phase

• Test plans document.

• Test cases documents.

• Test Design specifications.

2. During the testing

• Test Data.

• Test execution logs.

3. After the testing cycles is over

• Test Results

4.3 Test Case

4.3.1 Admin Feature

FR_1: Admin shall be able to login to the system.

Project Name: Garments Sector in One Place			Test Designed By: MD. Talat Iram	
Test Case ID: TP FGSOP 01			Test Designed date: April 1, 2020	
Test Priority (Low, Medium, High): High			Test Executed by: MD. Talat Iram	
Module Name: Admin Login			Test Execution date: April 1, 2020	
Test Title: Login with user ID and password				
Description: Test the system's Admin home page				
Precondition: Have a valid user ID and 4 length's passwords				
Test Steps	Test Data	Expected result	Actual results	Status (Pass/Fail)
Go to the Application Enter User ID Enter password Click submit	User ID: 17-34042-1 Password: 2256	User should login with the system		
Post Condition: Admin has been successfully login with the system.				

Table 1: FR 1 Test Case

FR_2: Admin shall be able to add requesting garments.

Project Name: Garments Sector in One Place			Test Designed By: MD. Talat Iram	
Test Case ID: TP FGSOP 02			Test Designed date: April 1, 2020	
Test Priority (Low, Medium, High): High			Test Executed by: MD. Talat Iram	
Module Name: Add request for garments			Test Execution date: April 1, 2020	
Test Title: Adding request for garments				
Description: Test the system's request add into the system for garments				
Precondition: Have a valid garments ID and password				
Test Steps	Test Data	Expected result	Actual results	Status (Pass/Fail)
Go to the Application Enter garments ID Click Add	garments ID: 171819	Request should be added into the system		
Post Condition: Admin has been successfully added garments into the system.				

Table 2: FR 2 Test Case

FR_3: Admin shall be able to add requesting buyers

Project Name: Garments Sector in One Place		Test Designed By: MD. Talat Iram
Test Case ID: TP FGSOP 03		Test Designed date: April 1, 2020
Test Priority (Low, Medium, High): High		Test Executed by: MD. Talat Iram
Module Name: Add request for buyers		Test Execution date: April 1, 2020
Test Title: Adding request for buyers				
Description: Test the system's request add into the system for buyers				
Precondition: Have a valid buyers ID and password				
Test Steps	Test Data	Expected result	Actual results	Status (Pass/Fail)
Go to the Application Enter buyers ID Click Add	Buyers ID: 171822	Request should be added into the system		
Post Condition: Admin has been successfully added buyers into the system.				

Table 3: FR 3 Test Case

FR_4: Admin shall be able to create new content.

Project Name: Garments Sector in One Place		Test Designed By: MD. Talat Iram	
Test Case ID: TP FGSOP 04		Test Designed date: April 1, 2020	
Test Priority (Low, Medium, High): High		Test Executed by: MD. Talat Iram	
Module Name: Create new content		Test Execution date: April 1, 2020	
Test Title: Creating new content			
Description: Test the system's creating new content for the system			
Precondition: Have a valid category			
Test Steps	Test Data	Expected result	Actual results	Status (Pass/Fail)
Go to the Application

Select category

Click Create | Product ID: 101 Product name: t-shirt product size: M | Content should be added into the system | | |
| Post Condition: New content will be shown into the system. | | | | |

Table 4: FR 4 Test Case

FR_5: Admin shall be able to update content

Project Name: Garments Sector in One Place			Test Designed By: MD. Talat Iram	
Test Case ID: TP FGSOP 05			Test Designed date: April 1, 2020	
Test Priority (Low, Medium, High): High			Test Executed by: MD. Talat Iram	
Module Name: Update existing content			Test Execution date: April 1, 2020	
Test Title: Update existing content				
Description: Test the system's update existing content for the system				
Precondition: content should exist				
Test Steps	Test Data	Expected result	Actual results	Status (Pass/Fail)
Go to the Application

Input product ID

Click Create | Product ID: 101

Product name:

t-shirt

product size: L | Content should be updated into the system | | |
| Post Condition: Updated content should be showed in the system. | | | | |

Table 5: FR 5 Test Case

FR_6: Admin shall be able to register garments

Project Name: Garments Sector in One Place		Test Designed By: MD. Talat Iram
Test Case ID: TP FGSOP 06		Test Designed date: April 1, 2020
Test Priority (Low, Medium, High): High		Test Executed by: MD. Talat Iram
Module Name: Garments registration		Test Execution date: April 1, 2020
Test Title: Registration for garments		
Description: Test the system's to registration for garments		
Precondition: no precondition		

Test Steps	Test Data	Expected result	Actual results	Status (Pass/Fail)
Go to the Application Click add garments Click confirm	Garments ID :71 Garments name: xyz owner name: x Location: mirpur	Garments should be registered into the system		
Post Condition: Garments should be added to the system				

Table 6: FR 6 Test Case

FR_7: Admin shall be able to register buyers.

Project Name: Garments Sector in One Place			Test Designed By: MD. Talat Iram
Test Case ID: TP FGSOP 07			Test Designed date: April 1, 2020
Test Priority (Low, Medium, High): High			Test Executed by: MD. Talat Iram
Module Name: Buyers registration			Test Execution date: April 1, 2020
Test Title: Registration for buyers			
Description: Test the system's to registration for buyers			
Precondition: no precondition			
Test Steps	Test Data	Expected result	Actual results	Status (Pass/Fail)
Go to the Application Click add buyers Click confirm	Garments ID: 61 Garments name: wxyz owner name: y Location: mirpur	Buyers should be registered into the system		
Post Condition: Buyers should be added to the system				

Table 7: FR 7 Test Case

4.3.2 Buyers Features

FR_8: The buyers shall be able to register to the system with their phone number/email and password.

Project Name: Garments Sector in One market place			Test Designed By: Khan Md. Ashfaque Uddin	
Test Case ID: TP FGSOP 08			Test Designed date: April 3, 2020	
Test Priority (Low, Medium, High): High			Test Executed by: Khan Md. Ashfaque Uddin	
Module Name: User Registration			Test Execution date: April 3, 2020	
Test Title: Verify Registration with phone number/email and password				
Description: Test the system's registration page				
Precondition: Have a valid phone number and 4 length's passwords				
Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
– Go to the Application – Enter phone number – Enter password – Click submit	Phone number: 01788357527 Password: 2256	User should login with the system		
Post Condition: User has been successfully registered with the system.				

<p align="center">Table 8: Test Case</p>

FR_09: The buyers shall be able to place order by the system.

Project Name: Garments Sector in One market place	Test Designed By: Khan Md. Ashfaque Uddin
Test Case ID: TP FGSOP 09	Test Designed date: April 3, 2020
Test Priority (Low, Medium, High): High	Test Executed by: Khan Md. Ashfaque Uddin
Module Name: Place Order	Test Execution date: April 3, 2020

Test Title: Verify placing order via online				
Description: Test the system's placing order process				
Precondition: Buyer should be a valid user				
Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
– Go to the application – Choose garment – Choose item – Enter quantity – Select delivery date	Item: T-shirt Quantity: 1000 Delivery date: April 10,2020	Order should be placed		
Post Condition: Selected garment should get the order				

Table 9: Test Case

FR_10: The buyers shall be able to search Garments.

Project Name: Garments Sector in One market place	Test Designed By: Khan Md. Ashfaque Uddin
Test Case ID: TP FGSOP 10	Test Designed date: April 3, 2020
Test Priority (Low, Medium, High): High	Test Executed by: Khan Md. Ashfaque Uddin
Module Name: Garment Search	Test Execution date: April 3, 2020

Test Title: Verify searching garments from the garments list

Description: Test the system's search page

Precondition: Have garments name in the list

Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
- Go to the application - Write the garment name on the garment search box	Search: Maf shoes limited	Show the selected garment if exist.		

Post Condition: Garment have been found from database and successfully showed on the search page.

Table 10: Test Case

FR_11: The buyers shall be able to see the categorized garments.

Project Name: Garments Sector in One market place	Test Designed By: Khan Md. Ashfaque Uddin
Test Case ID: TP FGSOP 11	Test Designed date: April 3, 2020
Test Priority (Low, Medium, High): Medium	Test Executed by: Khan Md. Ashfaque Uddin
Module Name: garments category	Test Execution date: April 3, 2020

Test Title: Verify searching the garments category wise.				
Description: Test if buyer can see the garments category.				
Precondition: Have a garment category list.				
Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
- Go to the application - Click on the garment's category list - Choose the category	Category: medium	All shoe making garments name should be displayed		
Post Condition: Buyers has been seen the shoe categories garments. .				

Table 11: Test Case

FR_12: Buyers shall be able to buy products which will be promoted by garments.

Project Name: Garments Sector in One market place	Test Designed By: Khan Md. Ashfaque Uddin
Test Case ID: TP FGSOP 12	Test Designed date: April 3, 2020
Test Priority (Low, Medium, High): Medium	Test Executed by: Khan Md. Ashfaque Uddin
Module Name: Buy promoted products	Test Execution date: April 3, 2020

Test Title: Verify the buying of the promoted products

Description: Test the buying of the promoted products.

Precondition: Have a promoted product.

Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
- Go to the application - Find the promoted product - Click for buying	Promoted Product: Shirt	Promoted product should be ordered.		

Post Condition: The selected promoted product should have been ordered.

Table 12: Test Case

4.3.3 Garments Features

FR_FR_13: Garments shall be able to registration to the system.

Project Name: Garments Sector in One market place	Test Designed By: Borhan Uddin
Test Case ID: TP FGSOP 13	Test Designed date: April 3, 2020
Test Priority (Low, Medium, High): High	Test Executed by: Borhan Uddin
Module Name: Garments Registration	Test Execution date: April 3, 2020
Test Title: verify registration with phone number, email and password	
Description: registration page	
Precondition: Have a valid phone number and 4 length's passwords	

Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
– Go to the Application – Enter phone number – Enter password – Click submit	Phone number: 01788357527 Email beximco@gmail.com Password: 2256	User should login with the system		

Post Condition: User has been successfully signed up with the system.

Table 13: FR_13 Test Case

FR_14: Garments shall be able to login to the system.

Project Name: Garments Sector in One market place		Test Designed By: Borhan Uddin
Test Case ID: TP FGSOP 14		Test Designed date: April 3, 2020
Test Priority (Low, Medium, High): High		Test Executed by: Borhan Uddin
Module Name: Garments Login		Test Execution date: April 3, 2020
Test Title: log in with phone number/email and password		
Description: Garments Home Page		
Precondition: Have a valid phone number and 4 length's passwords		

Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
– Go to the Application – Enter phone number – Enter password – Click submit	Phone number: 01788357527 Password: 2256	User should login with the system		

Post Condition: User has been successfully login with the system.

Table 14: FR_14Test Case

FR_15: Garments shall be able to update their profile.

Project Name: Garments Sector in One market place	Test Designed By: Borhan Uddin
Test Case ID: TP FGSOP 15	Test Designed date: April 3, 2020
Test Priority (Low, Medium, High): High	Test Executed by: Borhan Uddin
Module Name: Garments update profile	Test Execution date: April 3, 2020

Test Title: Garments name, address, email, phone number, password and others information which has been provided before by garments that are can be changed for updating profile

Description: Garments profile

Precondition: must be valid user

Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
– Go to the application – Go to the profile – Enter name, address, email, phone number, password – Click submit	Name: Rana Plaza Address: Saver Email: garments@example.com Phone Number: 01303252632 Pass: 1234	Successfully updated		

Post Condition: User has been successfully input their information.

Table 15: FR_15 Test Case

FR_16: Garments shall be able to choose and select orders.

Project Name: Garments Sector in One market place			Test Designed By: Borhan Uddin	
Test Case ID: TP FGSOP 16			Test Designed date: April 3, 2020	
Test Priority (Low, Medium, High): High			Test Executed by: Borhan Uddin	
Module Name: Garments choose and select order			Test Execution date: April 3, 2020	
Test Title: choose product and select order				
Description: Product order				
Precondition: must be enable product				
Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
– Go to the application – Choose product – Select product – Click submit	o Product Name: o Product Name: ✓ Product Name: o Product Name:	Successfully order		
Post Condition: User has been properly selected product.				

Table 16: FR_16 Test Case

FR_17: Garments shall be able to give discount.

Project Name: Garments Sector in One market place	Test Designed By: Borhan Uddin
Test Case ID: TP FGSOP 17	Test Designed date: April 3, 2020
Test Priority (Low, Medium, High): High	Test Executed by: Borhan Uddin
Module Name: Give discount on product	Test Execution date: April 3, 2020

Test Title: Test the discount content for the system				
Description: Test the discount on particular product				
Precondition: Product should enable				
Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
– Go to the application – Select the product – Enter the percentage of discount – Submit	Product Name: t-shirt size: M Discount: 5%	The prize of that product should be decreased		
Post Condition: Discount percentage and prize should be display.				

Table 17: FR_17 Test Case

FR_18: Garments shall be able to search buyers.

Project Name: Garments Sector in One market place		Test Designed By: Borhan Uddin
Test Case ID: TP FGSOP 18		Test Designed date: April 3, 2020
Test Priority (Low, Medium, High): High		Test Executed by: Borhan Uddin
Module Name: Buyers Search		Test Execution date: April 3, 2020
Test Title: verify searching buyers from the buyers list.		
Description: Test the system buyers search page		
Precondition: Have buyers name in the list		

Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
– Go to the application – Write the buyers name in the search box	Search: Talat Iram Or Nike	Show the selected buyers		

Post Condition: Buyers have been found from database and successfully showed on the search page.

Table 18: FR_18 Test Case

FR_19: Garments shall be able to get information of buyers.

Project Name: Garments Sector in One market place		Test Designed By: Borhan Uddin
Test Case ID: TP FGSOP 19		Test Designed date: April 3, 2020
Test Priority (Low, Medium, High): High		Test Executed by: Borhan Uddin
Module Name: Buyers information		Test Execution date: April 3, 2020
Test Title: Verify finding the details of the existing buyers		
Description: Test the buyers information by searching		
Precondition: Buyers information should remain in database		

Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
– Go to the application – Search buyers – Click on search button	search: Talat Iram	All the details of buyers		

Post Condition: Users should have got the buyers information.

Table 19: FR_19 Test Case

FR_20: Garments shall be able to upload their products or something else which will attract buyers.

Project Name: Garments Sector in One market place	Test Designed By: Borhan Uddin
Test Case ID: TP FGSOP 20	Test Designed date: April 3, 2020
Test Priority (Low, Medium, High): High	Test Executed by: Borhan Uddin
Module Name: upload products	Test Execution date: April 3, 2020

Test Title: Test the product will upload properly
Description: Test the system's request upload product into the system for buyers
Precondition: All details of the product

Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
– Go to the application – Input the products details – Click on Confirm button	Product Name: New t-shirt Size: S, M, L, Xl	Successfully upload a product		

Post Condition: The information of the uploaded product must be shown after confirm.

Table 20: FR_20 Test Case

4.3.4 Registered Users Features

• FR_21: Registered Users shall be able to search/see.

Project Name: Garments Sector in One market place	Test Designed By: MD.SAKI-UZ-ZAMAN
Test Case ID: TP FGSOP 21	Test Designed date: April 03, 2020
Test Priority (Low, Medium, High): High	Test Executed by: MD.SAKI-UZ-ZAMAN
Module Name: Search Data	Test Execution date: April 03,2020

Test Title: Registered Users shall be able to search any data

Description: Test the search option

Precondition: Need to be a registered user

Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
 – Login to the system – Click the search button – Type the search data & press Enter	Beximco Ltd. Ananta group T-shirt	Search data should be shown		

Post Condition: Registered user can be able to buy or sell product

Table 21: FR_21 Test Case

22: Registered Users shall be able to check details.

Project Name: Garments Sector in One market place			Test Designed By: MD.SAKI-UZ-ZAMAN	
Test Case ID: TP FGSOP 22			Test Designed date: April 04, 2020	
Test Priority (Low, Medium, High): High			Test Executed by: MD.SAKI-UZ-ZAMAN	
Module Name: Product Information			Test Execution date: April 04, 2020	
Test Title: Registered Users shall be able to check details.				
Description: Registered user shall be able to check details of any garments and any products.				
Precondition: Need to be a registered user				
Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
– Login to the system – Enter into specific garments or product	Beximco Ltd. T-shirt	User should view the details of garments and products		
Post Condition: N/A				

Table 22: FR₋22 Test Case

23: Registered Users shall be able to update profile.

Project Name: Garments Sector in One market place	Test Designed By: MD.SAKI-UZ-ZAMAN
Test Case ID: TP FGSOP 23	Test Designed date: April 04, 2020
Test Priority (Low, Medium, High): Medium	Test Executed by: MD.SAKI-UZ-ZAMAN
Module Name: Update Profile	Test Execution date: April 04, 2020

Test Title: Registered Users shall be able to update profile.

Description: Registered user can update any information of his/her profile.

Precondition: Need to be a registered user.

Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
– Login to the system – Go to profile – Click edit – Change phone number – Submit edit	Phone Number: 01793362457	Update successfully		

Post Condition: Not applicable

Table 23: FR_23 Test Case

4.3.5 Non-functional Requirements

- NFR_25: The front page must be loaded in 3-5 seconds.

Project Name: Garments Sector in One Market Place	Test Designed By: Abrar Asif
Test Case ID: TP FGSOP 25	Test Designed date: April 2, 2020
Test Priority (Low, Medium, High): Medium	Test Executed by: Abrar Asif
Module Name: Front page of the system	Test Execution date: April 2, 2020

Test Title: Loading speed of front page				
Description: The front page of the system must load in 3-5 seconds through any browser.				
Precondition: User must have a proper internet connection.				
Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
– Open any browser – Go to the link of the front page	Front page of the system	The front page should load in 3-5 seconds.		
Post Condition: The front page has been loaded.				

Table 25: NFR_25 Test Case

- NFR_26: Password will never be view able at login time or at any time.

Project Name: Garments Sector in One Market Place	Test Designed By: Abrar Asif
Test Case ID: TP FGSOP 26	Test Designed date: April 2, 2020
Test Priority (Low, Medium, High): Medium	Test Executed by: Abrar Asif
Module Name: Password Visibility	Test Execution date: April 2, 2020
Test Title: Password cannot be visible	
Description: User must not see his/her own password during login or anytime.	
Precondition: User have to give input in the password box.	

Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
– Go to the application – Enter password	Password: 2345	Password should not be visible		

Post Condition: The password has not been visible.

Table 26: NFR_26 Test Case

- NFR_27: System shall be able to process notification and delivered properly to users within 1 sec or less.

Project Name: Garments Sector in One Market Place	Test Designed By: Abrar Asif
Test Case ID: TP FGSOP 27	Test Designed date: April 2, 2020
Test Priority (Low, Medium, High): Medium	Test Executed by: Abrar Asif
Module Name: System notification	Test Execution date: April 2, 2020

Test Title: Process notification and deliver properly to users				
Description: User get notification from the system within 1 sec or less.				
Precondition: User have to do such activity which will send his/her a notification like order any garments and that order must have confirmed.				
Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
– Go to the application – Confirmed an order with two garment items.	Garment items id: 106, 110 have been ordered	User get the notification of his/her order processing		
Post Condition: User has been notified about order processing.				

Table 27: NFR_27 Test Case

- NFR_28: Only admin can see the request of registration.

Project Name: Garments Sector in One Market Place	Test Designed By: Abrar Asif
Test Case ID: TP FGSOP 28	Test Designed date: April 2, 2020
Test Priority (Low, Medium, High): Medium	Test Executed by: Abrar Asif
Module Name: User registration	Test Execution date: April 2, 2020
Test Title: The requests of registration are only visible to the admin.	
Description: Only admin will be notified and able to see the requests of registration.	
Precondition: Have a valid phone number and 4 lengths password.	

Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
– Go to the Application – Enter phone number – Enter password – Click submit	Phone number: 01722923374 Password: 2345	Only admin get notified and able to see the request of registration.		
Post Condition: Admin has been notified and able to see the request of registration.				

Table 28: NFR_28 Test Case

- NFR_29: When orders will be selected from garment, those specific garment and buyer as well as admin will be able to see the notification.

Project Name: Garments Sector in One Market Place			Test Designed By: Abrar Asif	
Test Case ID: TP FGSOP 29			Test Designed date: April 2, 2020	
Test Priority (Low, Medium, High): Medium			Test Executed by: Abrar Asif	
Module Name: Order notification			Test Execution date: April 2, 2020	
Test Title: Getting notification about placing order.				
Description: After placing the order, the garment, buyer and the admin will be able to see the notification.				
Precondition: Have a confirmed order.				
Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
– Go to the application – Confirmed an order with two garment items.	Garment items id: 106, 110 have been ordered	The garment, buyer and the admin get the notification of the order.		
Post Condition: The garment, buyer and the admin have been notified about the placed order.				

Table 29: NFR_29 Test Case

- NFR_30: When buyers will select garments from bidding then notification will go to that garment and the admin.

Project Name: Garments Sector in One Market Place	Test Designed By: Abrar Asif
Test Case ID: TP FGSOP 30	Test Designed date: April 2, 2020
Test Priority (Low, Medium, High): Medium	Test Executed by: Abrar Asif
Module Name: Bidding Notification	Test Execution date: April 2, 2020
Test Title: Getting the notification about the selected garments from bidding.	
Description: The garment and the admin should be notified about the selected garments from bidding.	
Precondition: Buyers have to select garments from bidding successfully.	

Test Steps	Test Data	Expected Results	Actual results	Status (Pass/Fail)
– Go to the application – Confirm selection garment from bidding	Garment item id: 111 has been selected	The garment and the admin get the notification of selected garments from bidding.		

Post Condition: The garment and the admin have been notified about the selected garments from bidding.

Table 30: NFR_30 Test Case

4.4 Features Not to Be Tested

4.4.1 Admin Features

- o Admin shall be able to see the complains of users
- o Admin shall be able to make boosting for garments.
- o Admin shall be able to make boosting for buyers.
- o Admin shall be able to verified profiles of garments
- o Admin shall be able to verified buyers' profile.

4.4.2 Buyers Features

- The buyers shall be able to rank garments.

- The buyers shall be able to see garments offers.

- The buyers shall be able to add garments in favorite list.

- The buyers shall be able to check their favorite garments list

4.4.3 Garments Features

- ❖ Garments shall be able to bid buyer's order.
- ❖ Garments shall be able to promote their profile.
- ❖ Garments shall be able to give advertisement.
- ❖ Garments shall be able to promotion their products.
- ❖ Garments shall be able to promotion their work type.

4.4.4 Unregistered users:

- ❖ Unregistered users shall be able to see the garments and buyer's promotion.

4.4.5 Non-functional Requirements
- The system shall be able to handle users with affecting its performance.
- Admin will maintain the boosting or promotion of users.

4.4.6 Risk

Risk	Details	Mitigation
Skills	Team member lack the required skills for android testing.	Plan training course to skill up your members
Resources	The project schedule is too tight. It's hard to complete this project on time	Set Test Priority for each of the test activity.
Leadership	Test Manager has poor management skill	Plan leadership training for man-ager
Concentration	A lack of cooperation negatively affects your employees' productivity	Encourage each team member in his task, and inspire them to greater efforts.
Defects	Defects are found at a late stage of the cycle	Defect management plan is in place to ensure prompt communication and fixing of issues.

Table 31: Risks during testing