



**COMSATS University Islamabad,
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SOFTWARE REQUIREMENTS SPECIFICATION

(SRS DOCUMENT)

for
GharPey
Version 1.0

By

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Revision History

Name	Date	Reason for changes	Version

Application Evaluation History

Comments (by committee) *include the ones given at scope time both in doc and presentation	Action Taken

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Signature _____

1. Introduction

The introduction of the Software Requirements Specification (SRS) provides an overview of the entire SRS with purpose, definitions, scope, abbreviations, acronyms, references and overview of the SRS. The aim of this document is to gather and analyze and give an in-depth insight of the complete “GharPey” by defining the problem statement in detail.

1.1 Purpose

The proposed system is an initiative to empower hardworking and skilled women by providing them with a market appraisal platform to sell their products and services. The purpose of a proposed system is to facilitate and encourage hardworking and skilled women at home or any working place that they were unable to display or sell online before. Our mission is to increase economic opportunity in Pakistan. The proposed system consists of a web and an android application.

1.2 Scope

There are a huge number of hardworking women in Pakistan who work at home or any workplace making products that they are unable to display and sell on some huge audience platform. Similarly, talented women lack opportunities to deliver local services like Bridal Makeup etc. Whether it's a doorstep service or the service they provide from home/workplace, the issue continues in either way. The proposed system aimed at helping those hardworking talented women by offering a platform to sell their products and services at much lower cost and with less understanding.

The proposed system will allow and encourage the Pakistani women to use digital marketplace and showcase their skills and talent in well-secured manner through this platform. This platform will allow seller to create a shop as her brand, add products on it and sell them. Besides products, sellers can also provide system-defined services that could be either the doorstep service or the home / workplace service they provide. Sellers can manage their store portfolios and maintain reputation through buyer reviews to survive the digital market platform. This system allows sellers to create live sessions and increase the visibility of their products to the public. Sellers can keep track of all orders and payments and enjoy popular local payment methods.

2. Overall description

2.1 Product perspective

Proposed system “GharPey” is a new software system that allow hardworking and skilled women at home to display and sell their skills and products from home or any working marketplace. The system shall allow seller to sell their products and offer services to buyer. The system is expected to evolve over several releases, ultimately connecting to the online local payment methods delivery system integration.

2.2 Operating environment

OE-1: The System shall operate correctly with the following web browsers: Windows Internet Explorer version 11; Firefox versions 49 through 68; Google Chrome versions 50 through 69; and Apple Safari versions 9 through 11.

OE-2: The System shall operate correctly within areas of Islamabad and Rawalpindi.

OE-3: The system shall operate on a server running the current corporate-approved versions of Red Hat Linux and Apache HTTP Server.

OE-4: The system shall permit user access from the corporate intranet; from a VPN Internet connection; and by Android, iOS, and Windows smartphones and tablets.

2.3 Design and implementation constraints

CO-1: The system shall use the community version of MySQL database engine.

CO-2: The application must use Laravel framework version 6.

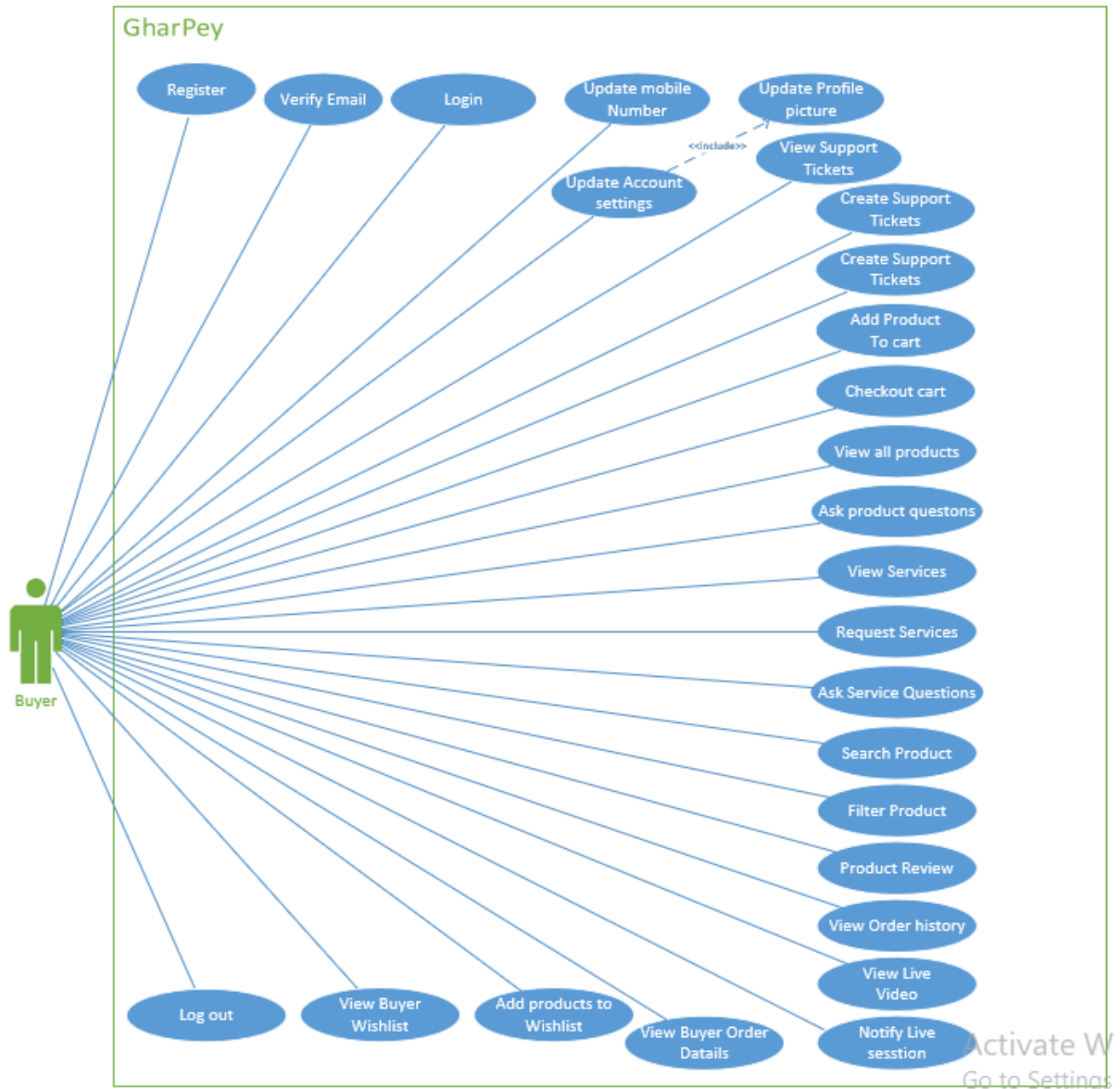
CO-3: Online payments may be made only through Debit Card and Easy Paisa App.

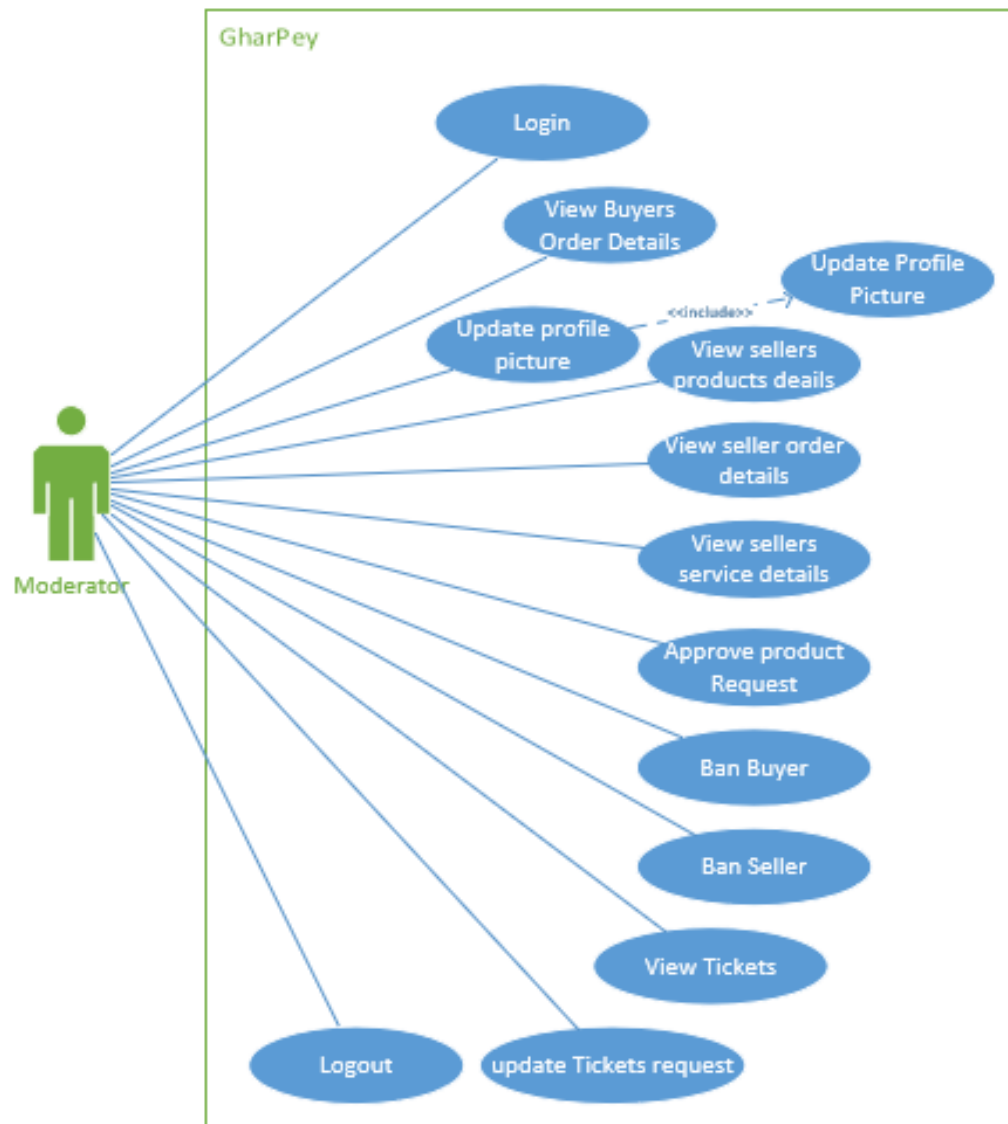
CO-4: Product Delivery will be made only through TCS Api.

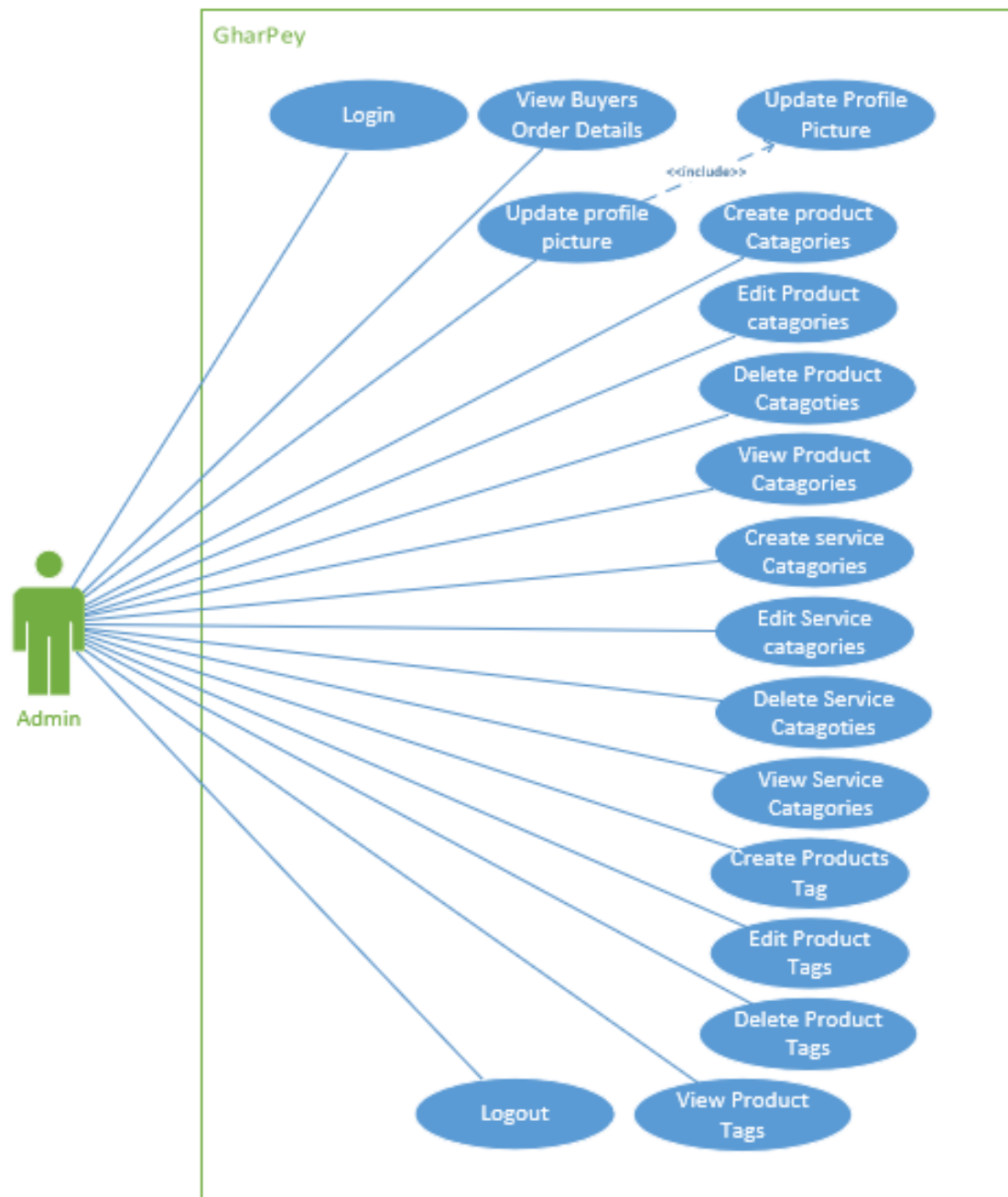
CO-5: The application must use jQuery version 3.

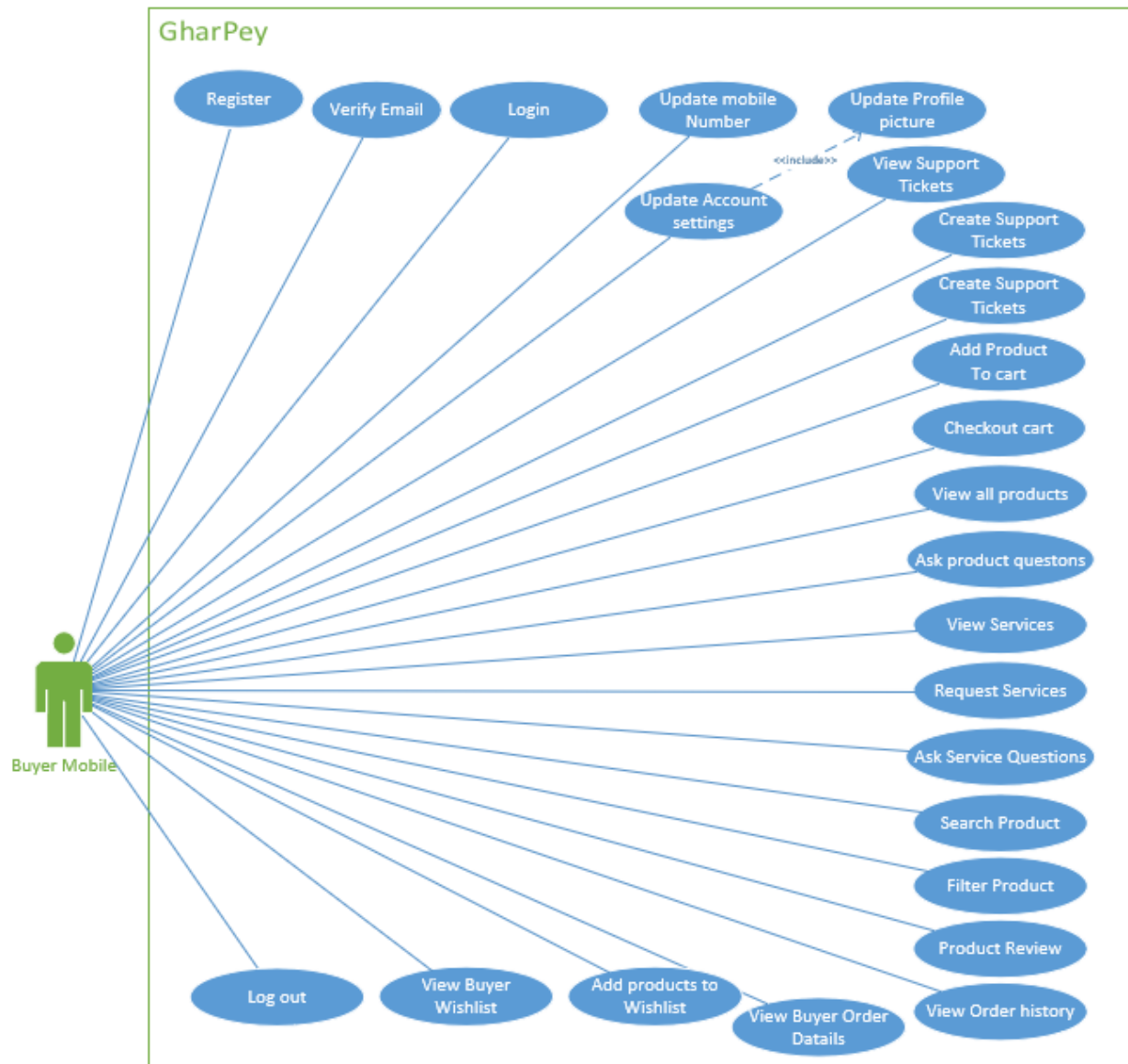
3. Requirement identifying technique

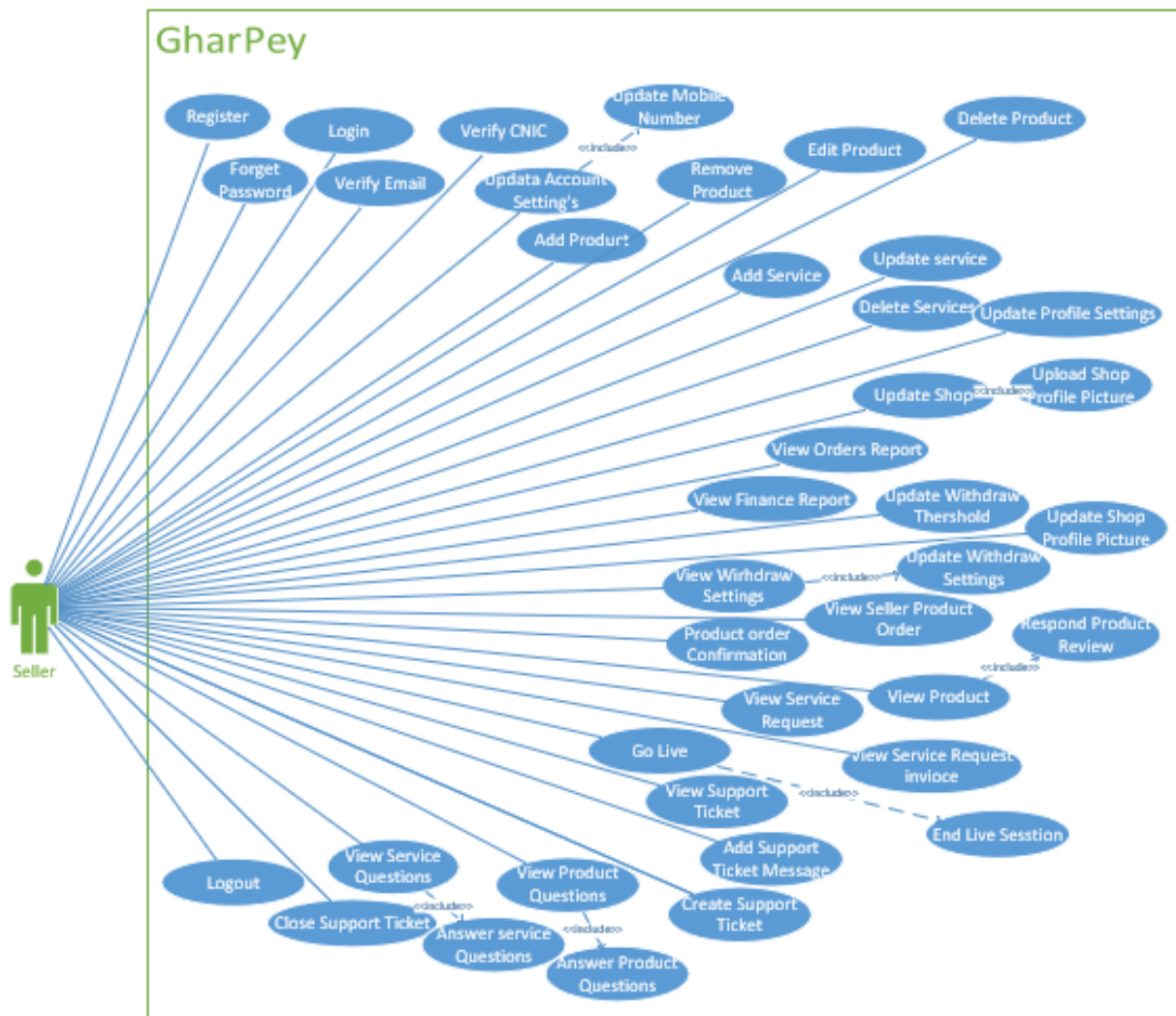
3.1 Use case diagram











3.2 Use case description

3.2.1 Register

Use Case ID:	UC-1
Use Case Name:	Register
Actors:	Seller (Primary Actor), Buyer (Primary Actor)
Description:	The user can register account with the website. The user needs to enter the information that will be validated, and the user will be prepared to register.
Trigger:	User clicks on register button.
Preconditions:	PRE-1. User is not already registered. PRE-2. User have a valid email address.
Postconditions:	POST-1. Seller is created in system. POST-2. Shop is created in system. POST-2. An email is sent to seller's email with email verification link.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on register button. 2. System displays register page. 3. User enters a unique phone number. 4. User clicks on "Verify Phone" button. 5. System validates phone number. 6. System validates phone number is not already registered in system. 7. System sends verification code to phone. 8. User enters phone verification code. 9. User click "verify code" button. 10. System verifies verification code. 11. System enables and shows other input fields for register. 12. User enters a unique shop name of at least 3 characters and 16 at most. 13. User enters a unique email address. 14. User enters a password of at least 6 characters and 32 at most. 15. User re-enters password to confirm. 16. User clicks on "Register" button. 17. System validates number of characters of shop name 18. System validates shop name is not already registered. 19. System validates email format. 20. System validates email is not already registered. 21. System validates number of characters of password. 22. System stores user information in system. 23. System sends email confirmation to seller. 24. System displays message "Account registered successfully. A confirmation email has been sent to your email".
Alternative Flows:	<ol style="list-style-type: none"> 12a. At step 12, if user is registering as buyer, the step 12, 17 and 18 will be skipped. 16a. At step 16 of normal flow and before, if seller cancels the register process, then system terminates the use case.
Exceptions:	<ol style="list-style-type: none"> 5a. In step 5 of normal flow, seller enters invalid phone number. <ol style="list-style-type: none"> 1. System displays error message "Enter a valid phone number". 2. Seller enters phone number again. 3. Seller returns to step 4 of normal flow.

	<p>6a. In step 6 of normal flow, seller enters phone number already registered in system.</p> <ol style="list-style-type: none"> 1. System displays error message “Phone number already registered in system”. 2. Seller enters phone number again. 3. Seller returns to step 4 of normal flow. <p>10a. In step 10 of normal flow, seller enters incorrect verification code.</p> <ol style="list-style-type: none"> 1. System displays error message “Invalid verification code”. 2. Seller enters verification code again. 3. Seller returns to step 9 of normal flow. <p>17a. In step 17 of normal flow, seller enters invalid number of characters for shop name.</p> <ol style="list-style-type: none"> 1. System displays error message “Name must have 3 to 16 number of characters”. 2. Seller enters shop name again. 3. User returns to step 16 of normal flow. <p>18a. In step 18 of normal flow, seller enters shop name which already exist in system.</p> <ol style="list-style-type: none"> 1. System displays error message “Shop name is already taken”. 2. Seller enters shop name again. 3. User returns to step 16 of normal flow. <p>19a. In step 19 of normal flow, seller enters invalid email.</p> <ol style="list-style-type: none"> 1. System displays error message “Enter a valid email address”. 2. Seller enters email again. 3. Seller returns to step 16 of normal flow. <p>20a. In step 20 of normal flow, email entered is already registered in system.</p> <ol style="list-style-type: none"> 1. System displays error message “An account with this email already exist”. 2. Seller enters email again. 3. Seller returns to step 16 of normal flow. <p>21a. In step 21 of normal flow, user enters invalid number of characters for password.</p> <ol style="list-style-type: none"> 1. System displays error message “Enter a valid password of length 6-32”. 2. Seller enters email again. 3. Seller returns to step 16 of normal flow.
Business Rules	<p>BR-1: Every shop shall have a unique name.</p> <p>BR-2: If seller have pro membership then he/she shall be able to offer services.</p> <p>BR-3: System allow free seller to have access to pro membership for 15 days.</p>
Assumptions:	<ol style="list-style-type: none"> 1. Seller has an internet connection. 2. Seller’s age is 18 or above and have at least one mobile number.

3.2.2 Login

Use Case ID:	UC-2
Use Case Name:	Login
Actors:	Admin (Primary Actor), Seller (Primary Actor), Moderator (Primary Actor), Buyer (Primary Actor)
Description:	The user can login to the website as through his/her relevant account. The user needs to enter the information that will be validated, and the user will be prepared to log in.
Trigger:	User clicks on the “login” button.
Preconditions:	PRE-1. User has a registered account on the system.
Postcondition:	POST-1. The user is logged-in successfully. POST-2. The system displays the respective admin, moderator and seller portal page and the Buyer home page.
Normal Flow:	<ol style="list-style-type: none"> 1. The user clicks on the “login” button. 2. System displays login page to the user. 3. User enters an email and password. 4. User clicks the login button. 5. System validates the email password. 6. User is logged into the system. 7. The system displays the respective admin, moderator and seller portal page and the Buyer home page.
Alternative Flows:	2a. In step 2 of the normal flow, user clicks “Forget Password”. <ol style="list-style-type: none"> 1. User click on the “Forget Password” button. 2. The system displays the forget password page to the user. 3. User enters the email and submit. 4. System sends email containing change password URL to user. 5. System displays the message “An email has been sent to your email account”.
Exceptions:	1a. At any step of normal flow, if user cancels the login process, then system terminates the use case. 3a. In step 3 of the normal flow, user enters incorrect username or password <ol style="list-style-type: none"> 1. System displays a message "Incorrect username or password" 2. User enters the username and password again 3. Use case returns to step 4 of normal flow.
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.3 Verify Email

Use Case ID:	UC-3
Use Case Name:	Verify Email
Actors:	Seller (Primary Actor), Buyer (Primary Actor)
Description:	In this use case, user verifies his/her email which is being used for registration on the system.
Trigger:	User clicks on “Register” button on homepage.
Preconditions:	PRE-1. User must have a registered account. PRE-2. Email is not already registered with system.
Postcondition:	POST-1. User registered an email verified.
Normal Flow:	<ol style="list-style-type: none"> 1. System sends email verification link to user’s Email. 2. User login to his/her email in order to verify the email on that system. 3. User opens the verification email. 4. User clicks on “Verify Email” button within that email. 5. System validates email verification token. 6. System validates token is not expired. 7. System mark user’s email verified. 8. User redirected to the relevant Login page.
Alternative Flows:	
Exceptions:	<ol style="list-style-type: none"> 5a. In step 5 of normal flow, if token is not valid then system shows error message “Verification token is invalid!” 6a. In step 6 of normal flow, if token is expired then system shows error message “Verification token is expired!” and redirects to email verification page where user can request new verification email.
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.5 Update Account Settings

Use Case ID:	UC-5
Use Case Name:	Update Account Setting
Actors:	Admin (Primary Actor), Moderator (Primary Actor) Buyer (Primary Actor), Seller (Primary Actor)
Description:	In this use case, a registered user can update his/her account setting in the system which includes name and password. User will first have to verify his old password and if it matches then he will set a new password for his account.
Trigger:	User clicks on “Account Settings” button in Navbar.
Preconditions:	PRE-1. User is logged into his/her account. PRE-2. User has a registered account.
Postconditions:	POST-1. User account is updated.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on “Setting” button in Navbar. 2. System displays the “Account setting” page. 3. User enters name, which is of at least 3 characters and 32 at most 4. User enters old password. 5. User enters new password twice. 6. User submits the form. 7. System validates the old password. 8. System matches the new passwords that has entered twice. 9. System updates name and password of user. 10. System displays success message “Profile has been updated successfully”.
Alternative Flows:	
Exceptions:	<ol style="list-style-type: none"> 6a. Before step 6, If user cancels the “Update Account Setting” process, then system terminates the use case. 3a. In step 3 of normal flow, user enters invalid number of characters for name. <ol style="list-style-type: none"> 1. System displays error message “Name must have 3 to 32 number of characters”. 2. User enters name again. 3. User returns to step 4 of normal flow. 7a. In step 7 of the normal flow. system is unable to validate old password. <ol style="list-style-type: none"> 1. System display message “Incorrect Password”. 2. User re-enter old password once and new password twice. 3. Use case returns to step 6 of normal flow. 8a. In step 8 of normal flow, new password entered twice do not match. <ol style="list-style-type: none"> 1. System displays message “Password does not match”. 2. User re-enters new password twice. 3. Use case returns to step 6 of normal flow.
Business Rules	
Assumptions:	1. User has an internet connection.

3.2.6 Upload Profile Picture

Use Case ID:	UC-6
Use Case Name:	Upload Profile Picture
Actors:	Admin (Primary Actor), Moderator (Primary Actor) Buyer (Primary Actor)
Description:	In this use case, a registered user can upload profile picture from the computer while registration or any time in future.
Trigger:	User clicks on “Upload Profile Picture” button on account setting page.
Preconditions:	PRE-1. User is logged into his/her account.
Postconditions:	POST-1. Profile picture updates successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on empty profile picture section on account setting page. 2. System pop-ups window that prompts user to choose an image from his/her computer. 3. User selects an image from his/her computer. 4. User clicks on “Open” button in the pop-up window. 5. User clicks on Upload button. 6. System uploads file from user machine. 7. System validates file uploaded is valid image. 8. System validates file size is less than 5 megabytes. 9. System saves file in system.
Alternative Flows:	<ol style="list-style-type: none"> 4a. At step 4 of normal flow, if user clicks on “Cancel” button in the pop-up window. <ol style="list-style-type: none"> 1. The pop-up window disappears. 2. System displays account setting page.
Exceptions:	<ol style="list-style-type: none"> 6a. At step 6 of normal flow, if user uploads get interrupted because of connection then system displays error message “File upload failed”. 7a. At step 7 of normal flow, if user uploads invalid file then system displays error message “Invalid Image File”. 8a. At step 8 of normal flow, if user uploads file size is more than 5mb then system displays error message “File size should not exceed 5mb”.
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.7 Update Mobile Number

Use Case ID:	UC-7
Use Case Name:	Update Mobile Number
Actors:	Admin (Primary Actor), Moderator (Primary Actor), Buyer (Primary Actor), Seller (Primary Actor)
Description:	In this use case, a registered user can update his/her mobile number in the system.
Trigger:	User clicks on “Account Settings” button in Navbar.
Preconditions:	PRE-1. User is logged into his/her account. PRE-2. User has a registered account.
Postconditions:	POST-1. Mobile number is updated.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on “Account Settings” button in Navbar. 2. System displays the “Account Settings” page. 3. Seller enters a unique phone number. 4. Sellers clicks on “Verify Phone” button. 5. System validates phone number. 6. System validates phone number is not already registered in system. 7. System sends verification code to phone. 8. Seller enters phone verification code. 9. Seller enters verify code button. 10. System verifies verification code. 11. System displays success message “Mobile Number has been updated successfully”.
Alternative Flows:	9a. Before step 9, If user cancels the process, then system terminates the use case.
Exceptions:	<ol style="list-style-type: none"> 3a. In step 3 of normal flow, user enters invalid number of characters for name. <ol style="list-style-type: none"> 1. System displays error message “Name must have 3 to 32 number of characters”. 2. User enters name again. 3. User returns to step 4 of normal flow. 7a. In step 7 of the normal flow. system is unable to validate old password. <ol style="list-style-type: none"> 1. System display message “Incorrect Password”. 2. User re-enter old password once and new password twice. 3. Use case returns to step 6 of normal flow. 8a. In step 8 of normal flow, new password entered twice do not match. <ol style="list-style-type: none"> 1. System displays message “Password does not match”. 2. User re-enters new password twice. 4. Use case returns to step 6 of normal flow.
Business Rules	
Assumptions:	1. User has an internet connection.

3.2.8 View Withdraw History

Use Case ID:	UC-8
Use Case Name:	View Withdraw History
Actors:	Seller (Primary Actor)
Description:	In this use case, user can view their withdraw transactions. System displays all withdraw transaction in tabular form.
Trigger:	User click on “Withdraw History” in navbar of “Sellers Portal”.
Preconditions:	PRE-1: User is logged-in to the system. PRE-2: User is registered seller in the system.
Postcondition:	
Normal Flow:	<ol style="list-style-type: none"> 1. User navigates to “Withdraw History” page. 2. System fetches the withdraw transactions for logged in seller. 3. System displays a list of “Withdraw transactions” for the user along with time and amount.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.9 Update Withdraw Settings

Use Case ID:	UC-9
Use Case Name:	Update Withdraw Setting
Actors:	Seller (Primary Actor)
Description:	In this use case, a registered seller can update his/her account withdraw setting in the system which includes threshold amount and payment information.
Trigger:	User clicks on “Withdraw Settings” button in Navbar.
Preconditions:	PRE-1. User is logged into his/her account. PRE-2. User has a registered account.
Postconditions:	POST-1. User withdraw settings are updated.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on “Withdraw Settings” button in Navbar. 2. System displays the “Withdraw Settings” page. 3. User enters threshold amount, which is at least 5000 rupees. 4. User selects payment method “Easy Paisa”. 5. User enters valid mobile number for easy paisa. 6. User submits the form. 7. System updates threshold amount and payment method of user. 8. System displays success message “Withdraw settings has been updated successfully”.
Alternative Flows:	<ol style="list-style-type: none"> 4a. In step 4 of normal flow, user selects Jazz Cash. <ol style="list-style-type: none"> 1. User returns to step 4 of normal flow.
Exceptions:	<ol style="list-style-type: none"> 3a. In step 3 of normal flow, user enters invalid threshold amount. <ol style="list-style-type: none"> 1. System displays error message “Enter threshold amount”. 2. User enters name again. 3. User returns to step 4 of normal flow. 5a. In step 5 of the normal flow, user enters invalid mobile number. <ol style="list-style-type: none"> 1. System display message “Invalid Mobile number”. 2. User enters mobile number again. 3. Use case returns to step 6 of normal flow. 6a. Before step 6, If user cancels the “Update Account Setting” process, then system terminates the use case.
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.10 Upload Shop Profile Picture

Use Case ID:	UC-10
Use Case Name:	Upload Shop Profile Picture
Actors:	Seller (Primary Actor)
Description:	In this use case, a registered user can upload shop profile picture from the computer while registration or any time in future.
Trigger:	User clicks on “Upload Shop Picture” button on shop setting page.
Preconditions:	PRE-1. User is logged into his/her account.
Postconditions:	POST-1. Shop profile picture updates successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on empty profile picture section of shop. 2. System pop-ups window that prompts user to choose an image from his/her computer. 3. User selects an image from his/her computer. 4. User clicks on “Open” button in the pop-up window. 5. User clicks on Upload button. 6. System uploads the picture in shop profile picture section.
Alternative Flows:	4a. At step 4 of normal flow, if user clicks on “Cancel” button in the pop-up window. <ol style="list-style-type: none"> 1. The pop-up window disappears. 2. System displays account setting page.
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.11 View Seller Products

Use Case ID:	UC-11
Use Case Name:	View Sellers Products
Actors:	Seller (Primary)
Description:	In this use case user will be able view the product. List of products will be displayed that user have in shop.
Trigger:	User clicks “View Products” in navigation pane.
Preconditions:	PRE-1: User is logged into the system.
Postconditions:	POST-1: System display the product page with all products.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on “Products” button in navbar. 2. System displays Drop down pane. 3. User clicks “View products”. 4. System displays all products that user have in users shop.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.12 Add Seller Product

Use Case ID:	UC-12
Use Case Name:	Add Seller Product
Actors:	Seller (Primary)
Description:	In this use case user will be able add his product details.
Trigger:	User clicks “Add Products” on user home page in navbar
Preconditions:	PRE-1: User is logged into the system.
Postconditions:	POST-1: Product Added successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks “add product” button on his/her profile. 2. System displays the “Add product” page. 3. User enters the name of the product. 4. User select category of the product. 5. User enters product descriptions. 6. User enters products highlights. 7. User clicks select the upload image button. 8. User enters packages weights. 9. User enters the product price. 10. User enters the product quantity. 11. User enters the product’s special price. 12. User enters the start date of promotion. 13. User enters the end date of the promotion. 14. User clicks “Add product” button.
Alternative Flows:	<p>At step 7 of the normal flow user wants to add multiple images</p> <ol style="list-style-type: none"> 1. User clicks upload the image. 2. System displays file browser window. 3. User selects the image. 4. User clicks “OK” 5. System append images in the product list. 6. Use case continue from step
Exceptions:	<p>At step 3 of the normal flow user does not add the product name.</p> <ol style="list-style-type: none"> 1. System displays alert message “Please enter the name of product”. 2. Use case continue from step 4 of normal flow. <p>At step 4 of the normal flow user does not add the product category.</p> <ol style="list-style-type: none"> 1. System displays alert message “Please enter the product category”. 2. Use case continue from step 5 of normal flow. <p>At step 7 of the normal flow user does not add the product image.</p> <ol style="list-style-type: none"> 1. System displays alert message “Please enter product image”. 2. Use case continue from step 8 of normal flow. <p>At step 8 of the normal flow user does not add the product weight.</p> <ol style="list-style-type: none"> 1. System displays alert message “Please enter product weight”. 2. Use case continue from step 9 of normal flow. <p>At step 9 of the normal flow user does not add the product price.</p> <ol style="list-style-type: none"> 1. System displays alert message “Please enter product Price”. 2. Use case continue from step 10 of normal flow. <p>At step 10 of the normal flow user does not add the product quantity.</p> <ol style="list-style-type: none"> 1. System displays alert message “Please enter product quantity”. 2. Use case continue from step 11 of normal flow.
Business Rules	BR-6: System shall cut 10% fee on every order.
Assumptions:	1. User has an internet connection.

3.2.13 Edit Seller product

Use Case ID:	UC-13
Use Case Name:	Edit Seller Product
Actors:	Seller (Primary)
Description:	In this use case user will be able edit his product details. The user enters at the time of adding the product. They would require opening editable form by clicking edit product link.
Trigger:	User clicks “Edit Products” on the product page.
Preconditions:	PRE-1: User is logged into the system. PRE-2: User have added at least one product.
Postconditions:	POST-1: Product information is edited successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. User Clicks on “Edit Product”. 2. System displays editable version of the product. 3. User edits product information. 4. User clicks save to save the information.
Alternative Flows:	2a in step 2 of normal flow user clicks on the “Cancel” button. <ol style="list-style-type: none"> 1. System will not save edited information. 2. System will go back to the all products page.
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.14 Delete Seller Product

Use Case ID:	UC-14
Use Case Name:	Delete Seller Product
Actors:	Seller (Primary)
Description:	In this use case user will be able delete the product. List of products will be displayed that user have in shop. User selects the specific product and click on delete button.
Trigger:	User clicks “Delete” button in front of the product that he wants to delete.
Preconditions:	PRE-1: User is logged into the system. PRE-1: User have added at least one service.
Postconditions:	POST-1: Product information is deleted successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. System displays the list of all the products to the user. 2. User selects the products he wants to delete. 3. User clicks delete button. 4. System displays confirmation dialog box. 5. User clicks “Confirm” button in dialog box. 6. System delete the products from the system.
Alternative Flows:	<ol style="list-style-type: none"> 4a. At step 4 of the normal flow user clicks “cancel” button. <ol style="list-style-type: none"> 1. User clicks cancel button. 2. Use case terminates.
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.15 View Seller Product Orders

Use Case ID:	UC-15
Use Case Name:	View Seller Product Orders
Actors:	Seller (Primary)
Description:	In this use case seller will be able to view the products orders. Seller will be able to view the products and status of products that buyers have purchased.
Trigger:	User clicks “View order” button in navbar.
Preconditions:	PRE-1: User is logged into the system.
Postconditions:	POST-1: System displays order page on screen.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks view orders. 2. System displays order page with all the recent and previous orders history. 3. User selects order user want to view details. 4. User clicks “view” to view the details of order.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.16 Product Order Confirmation

Use Case ID:	UC-16
Use Case Name:	Product Order Confirmation
Actors:	Seller (Primary)
Description:	In this use case seller will be able to respond to products orders. Whenever buyer place the order. System display the notification to the seller that either seller want to confirm or cancel the product.
Trigger:	User clicks on “order” system displays order details
Preconditions:	PRE-1: User is logged into the system. PRE-2: Buyer placed the order successfully.
Postconditions:	POST-1: System cancel the order successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on new order button. 2. System displays list of all the orders. 3. User clicks on order. 4. System displays that order details page. 5. User clicks “confirm” button. 6. System confirm the order. 7. System notify the buyer that product is ready to dispatch.
Alternative Flows:	5a. At step 5 of normal flow. Seller clicks cancel instead of confirming. <ol style="list-style-type: none"> 1. Order placed by the buyer will be “cancel”. 2. Use case terminates
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.17 Product Review Response

Use Case ID:	UC-17
Use Case Name:	Product Review Response
Actors:	Seller (Primary)
Description:	In this use case seller will be able to add response for the product review that buyer gave after successful order delivery.
Trigger:	User clicks “Reply” under the product review that buyer gave after delivery.
Preconditions:	PRE-1: User is logged into the system. PRE-2: Buyer have purchased at least one product from that seller. PRE-3: Buyer gave the review for purchase.
Postconditions:	POST-1: System displays order page on screen.
Normal Flow:	<ol style="list-style-type: none"> 1. User open the product to see the reviews at the bottom of page. 2. Select clicks reply button under the review user added. 3. User type review in reply. 4. User clicks “Reply” button to submit reply. 5. System add reply under the buyer response.
Alternative Flows:	<ol style="list-style-type: none"> 1a. At step 1 of normal flow user clicks on product review button. <ol style="list-style-type: none"> 1. System displays all reviews of his products. 2. Use case continue from step 2 of normal flow. 3a. At step 3 of normal flow. If user clicks “cancel”. <ol style="list-style-type: none"> 1. System close the reply section. 2. Use case terminates.
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.18 View Order Reports

Use Case ID:	UC-18
Use Case Name:	View Order Reports
Actors:	Seller (Primary)
Description:	In this use case seller will be able to view the orders reports. Seller will be able generate different order reports. Based on the data available of the orders.
Trigger:	User clicks “Orders reports” under reports in navbar.
Preconditions:	PRE-1: User is logged into the system. PRE-2: User is registered seller on system.
Postconditions:	POST-1: System displays order page on screen.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on “Order” button in navbar. 2. System displays orders dropdown. 3. User clicks order reports from the drop down. 4. System displays orders reports to the user. 5. User can sort reports according to time. 6. System displays the reports according to the request user made.
Alternative Flows:	4a. At step 4 of normal flow. User can sort the reports according to number orders <ol style="list-style-type: none"> 1. System displays report according to the number of orders over time.
Exceptions:	
Business Rules	
Assumptions:	User has an internet connection.

3.2.19 Add Service

Use Case ID:	UC-19
Use Case Name:	Add Service
Actors:	Seller (Primary)
Description:	In this use case user will be able to add a service and add description of service. User will be able to add one of provided services by the system. User will define the area in which user offer the services.
Trigger:	User clicks on “add service” button in navbar.
Preconditions:	PRE-1: User is logged into the system.
Postconditions:	POST-1: Service is successfully added in the system.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on “Add service” Button. 2. System displays add service page. 3. User enters service title. 4. User clicks drop down to select the categories. 5. User select the one of the services offered by the system from the category dropdown. 6. User enters service description. 7. User enters the area in which user wants to offer services. 8. User clicks on “add image” button to add relevant images to the service. 9. System displays file browser to select image. 10. User selects image and clicks “ok” 11. User add price range in which user offers the services. 12. User clicks add service. 13. System add service in system.
Alternative Flows:	<ol style="list-style-type: none"> 9a. At step 9 of the normal flow clicks “cancel”. <ol style="list-style-type: none"> 1. System display close the file browser. 2. System displays add service page. 3. Use case continue from step 7 of normal flow.
Exceptions:	<ol style="list-style-type: none"> 3a. At step 3 of the normal flow user does not add the service title. <ol style="list-style-type: none"> 1. System displays alert message “Please enter the service title”. 2. Use case continue from step 4 of normal flow. 5a. At step 5 of the normal flow user does not select the category. <ol style="list-style-type: none"> 1. System displays alert message “Please select the category”. 2. Use case continue from step 6 of normal flow. 6a. At step 6 of the normal flow user does not service description. <ol style="list-style-type: none"> 1. System displays alert message “Please select area where you offer services”. 2. Use case continue from step 8 of normal flow. 8a. At step 8 of the normal flow user does not add image. <ol style="list-style-type: none"> 1. System displays alert message “Please select at least one image”. 2. Use case continue from step 11 of normal flow.
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.20 Edit service

Use Case ID:	UC-20
Use Case Name:	Edit service
Actors:	Seller (Primary)
Description:	In this use case user will be able edit his service details. The user enters at the time of adding the service. They would require opening editable form by clicking edit service button.
Trigger:	User clicks “Edit Products” on the product page.
Preconditions:	PRE-1: User is logged into the system. PRE-2: User have at least one service added in the system.
Postconditions:	POST-1: Product information is edited successfully.
Normal Flow:	1. User Clicks on “Edit service”. 2. System displays editable version of the services. 3. User edits service information. 4. User clicks save to save the new information.
Alternative Flows:	2a. At step 2 of normal flow user clicks on the “Cancel” button. 1. System will not save edited information. 2. System will go back to the all services page.
Exceptions:	
Business Rules	
Assumptions:	1. User has an internet connection.

3.2.21 Delete service

Use Case ID:	UC-21
Use Case Name:	Delete service
Actors:	Seller (Primary)
Description:	In this use case user will be able to delete the service. List of services will be displayed that user have in profile. User selects the specific service and click on delete button.
Trigger:	User clicks “Delete” button on services page in front of that specific service.
Preconditions:	PRE-1: User is logged into the system.
Postconditions:	POST-1: System delete the service successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. System displays the list of all the services to the user. 2. User selects the services user wants to delete. 3. User clicks delete button. 4. System displays confirmation dialog box. 5. User clicks “Confirm” button in dialog box. 6. System delete the service from the system.
Alternative Flows:	<ol style="list-style-type: none"> 4a. At step 4 of the normal flow user clicks “cancel” button. <ol style="list-style-type: none"> 1. User clicks cancel button. 2. Use case terminates.
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.22 View Service Reports

Use Case ID:	UC-22
Use Case Name:	View Service Reports
Actors:	Seller (Primary)
Description:	In this use case seller will be able to view the service reports. Seller will be able generate different service reports provided by the system. Based on the data available of the services.
Trigger:	User clicks “Service” under reports in navbar.
Preconditions:	PRE-1: User is logged into the system. PRE-1: User have membership.
Postconditions:	POST-1: System displays order page on screen.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on the “Service” button in navbar. 2. System displays orders dropdown. 3. User clicks Service reports from the drop down. 4. System displays service reports to the user. 5. User can filter reports according to time. 6. System displays the reports according to the request user made.
Alternative Flows:	4a. At step 4 of normal flow. User can sort the reports according to number orders <ol style="list-style-type: none"> 1. System displays report according to the number of orders over time.
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.23 View Service Requests

Use Case ID:	UC-23
Use Case Name:	View Service Requests
Actors:	Seller (Primary Actor)
Description:	In this use case, user can view service requests for services he/she is offering. System displays all their service requests in tabular form.
Trigger:	User click on “Service Requests” in navbar of “Sellers Portal”.
Preconditions:	PRE-1: User is logged-in to the system. PRE-2: User is registered seller in the system.
Postcondition:	
Normal Flow:	<ol style="list-style-type: none"> 1. User click on “Service Requests” in navbar. 2. System opens the “Service Requests” page. 3. System displays a list of “Service Requests” for the user along with status of “Accepted”, “Canceled” and “In Progress”.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.24 View Service Request Invoices

Use Case ID:	UC-24
Use Case Name:	View Service Request Invoices
Actors:	Seller (Primary Actor)
Description:	In this use case, user can view invoices for service requests. System displays all the invoices of service request in tabular form along with their status.
Trigger:	User navigates to “Service Requests” page and click on “Invoices” button of a record.
Preconditions:	PRE-1: User is logged-in to the system. PRE-2: User is registered seller in the system.
Postcondition:	
Normal Flow:	<ol style="list-style-type: none"> 1. User navigates to “Service Requests” page and click on “Invoices” button of a record. 2. System fetches invoices for selected service request. 3. System opens the “Invoices” page. 4. System displays a list of “Service Request Invoices” for the “Service Request” along with status of “Paid” and “Not Paid”.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.25 Create Service Request Invoice

Use Case ID:	UC-25
Use Case Name:	Create Service Request Invoice
Actors:	Seller (Primary Actor)
Description:	In this use case, user can create invoices and quotation for service request they have received after analyzing buyer requirements from their answers of that service.
Trigger:	User click on “Create Invoice” button on “Service Request Invoice” page.
Preconditions:	PRE-1: User is logged-in to the system. PRE-2: User is registered seller in the system. PRE-3: User has at least one service request.
Postcondition:	
Normal Flow:	<ol style="list-style-type: none"> 1. User click on “Create Invoice” button on “Service Request” page. 2. System opens the “Invoices” page for “Service Request”. 3. User enters description of invoice. 4. User clicks on “Add Invoice Row” button. 5. System adds a row containing title, price and quantity fields. 6. User enters title of invoice row. 7. User enters price of invoice row. 8. User enters quantity of invoice row. 9. User clicks on “Submit” button. 10. System validates all input fields. 11. System creates invoice record in system. 12. System send notification to buyer.
Alternative Flows:	9a. Before step 9 of normal flow, if user cancels the process, then system terminates the use case. 9b. At step 9 of normal flow, if user clicks on “Add Invoice Row”, then system returns the user at step 5.
Exceptions:	6a. In step 6 of normal flow, user enters invalid title. <ol style="list-style-type: none"> 1. System displays error message “Enter a valid title between 3-32 characters”. 2. Seller enters title again. 3. Seller returns to step 7 of normal flow. 7a. In step 7 of normal flow, user enters invalid title. <ol style="list-style-type: none"> 1. System displays error message “Enter a valid price”. 2. Seller enters price again. 3. Seller returns to step 8 of normal flow.
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.26 Update Shop

Use Case ID:	UC-28
Use Case Name:	Update Shop
Actors:	Seller (Primary Actor)
Description:	In this use case, a user can update her shop in the system which includes description and category.
Trigger:	User clicks on “Account Settings” button in Navbar.
Preconditions:	PRE-1. User is logged into his/her account. PRE-2. User has a registered account.
Postconditions:	POST-1. User shop is updated.
Normal Flow:	<ol style="list-style-type: none"> 1. User navigates to shop setting. 2. User enters unique shop name. 3. User enters shop description. 4. User submits the form. 5. System updates description and category of shop. 6. System displays success message “Shop has been updated successfully”.
Alternative Flows:	<ol style="list-style-type: none"> 4a. In step 4, if user clicks on “Cancel” button. <ol style="list-style-type: none"> 1. System clears all input fields. 2. System redirects to “Shop Setting”.
Exceptions:	
Business Rules	
Assumptions:	1. User has an internet connection.

3.2.27 View Support Tickets

Use Case ID:	UC-29
Use Case Name:	View Support Tickets
Actors:	Seller (Primary Actor), Buyer (Primary Actor)
Description:	In this use case, user can see the list of support tickets they created.
Trigger:	User navigated to “Contact” section and clicks on the “Support Tickets” button.
Preconditions:	PRE-1. User is logged into his/her account.
Postcondition:	POST-1. System displays a list of Support Tickets.
Normal Flow:	<ol style="list-style-type: none"> 1. User navigated to “Contact” section and clicks on the “Support Tickets” button. 2. System fetches support tickets for logged in user. 3. System displays a list of support tickets that user added along with their status.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.28 Create Support Ticket

Use Case ID:	UC-30
Use Case Name:	Create Support Ticket
Actors:	Seller (Primary Actor), Buyer (Primary Actor)
Description:	In this use case, a registered seller and buyer can create support ticket in system. User describes the problems they are facing in system and send it to system administration.
Trigger:	User clicks on “Add New” button on “View Support Tickets” page.
Preconditions:	PRE-1. User is logged into his/her account.
Postconditions:	POST-1. Support Ticket is created in system.
Normal Flow:	<ol style="list-style-type: none"> 1. User navigates to “Create Support Ticket” page. 2. User enters title of at least 3 characters and 32 at most. 3. User enters message of maximum 1000 characters. 4. User attaches maximum 5 files, not exceeding 5mb size each file. 5. User clicks on “Submit” button. 6. System redirects to “Support Ticket page”. 7. System displays success message “Support Ticket created successfully”.
Alternative Flows:	5a. Before step 5, If user cancels the “Create Support Ticket” process, then system terminates the use case.
Exceptions:	<ol style="list-style-type: none"> 2a. In step 2 of normal flow, user enters invalid number of characters for title. <ol style="list-style-type: none"> 1. System displays error message “Name must have 3 to 32 number of characters”. 2. User enters title again. 3. User returns to step 3 of normal flow. 3a. In step 3 of normal flow, user enters more than 1000 characters for message. <ol style="list-style-type: none"> 1. System displays error message “Message cannot be longer than 1000 characters”. 2. User update message. 3. User returns to step 4 of normal flow. 4a. In step 4 of normal flow, user uploads invalid file. <ol style="list-style-type: none"> 1. System displays error message “File invalid!”. 2. User returns to step 4 of normal flow.
Business Rules	
Assumptions:	1. User has an internet connection.

3.2.29 Add Support Ticket Message

Use Case ID:	UC-31
Use Case Name:	Add Support Ticket Message
Actors:	Seller (Primary Actor), Buyer (Primary Actor)
Description:	In this use case, a registered user can add message in support ticket. Buyer can add query message in ticket and seller can add responses to resolve issue.
Trigger:	User navigates to Support Ticket page.
Preconditions:	PRE-1. User is logged into his/her account. PRE-1. User has an active support ticket.
Postconditions:	POST-1. Message is added in support ticket.
Normal Flow:	<ol style="list-style-type: none"> 1. User navigates to support ticket page. 2. User enters message of maximum 1000 characters. 3. User attaches maximum 5 files, not exceeding 5mb size each file. 4. User clicks on “Submit” button. 5. System displays success message “Message added successfully”.
Alternative Flows:	<ol style="list-style-type: none"> 4a. At step 4, If user clicks on cancel button. <ol style="list-style-type: none"> 1. System clear message. 2. System clear files.
Exceptions:	<ol style="list-style-type: none"> 2a. In step 2 of normal flow, user enters more than 1000 characters for message. <ol style="list-style-type: none"> 1. System displays error message “Message cannot be longer than 1000 characters”. 2. User update message. 3. User returns to step 3 of normal flow. 3a. In step 3 of normal flow, user uploads invalid file. <ol style="list-style-type: none"> 1. System displays error message “File invalid!”. 2. User returns to step 3 of normal flow.
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.30 Close Support Ticket

Use Case ID:	UC-32
Use Case Name:	Close Support Ticket
Actors:	Seller (Primary Actor), Buyer (Primary Actor)
Description:	In this use case, a registered user can close support ticket and marked it resolved.
Trigger:	User clicks on “Close Ticket” button on “Support Ticket” page.
Preconditions:	PRE-1. User is logged into his/her account. PRE-2. User has at least one open ticket.
Postcondition:	POST-1. Support Ticket is marked as “closed”.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on “Close Ticket” button on “Support Ticket” page. 2. System displays the “Confirm” popup with message “Are you sure?”. 3. User clicks on “Confirm” button. 4. System finds and mark the support ticket close. 5. System displays success message “Support Ticket closed”.
Alternative Flows:	3a. In step 3, if user clicks on “Cancel” button, then system terminates the use case.
Exceptions:	
Business Rules	
Assumptions:	1. User has an internet connection.

3.2.31 Add to Cart Product

Use Case ID:	UC-33
Use Case Name:	Add to Cart Product
Actors:	Buyer (Primary Actor)
Description:	In this use case, a user can add product in cart.
Trigger:	User navigates to product page.
Preconditions:	PRE-1. System has at least one active product.
Postconditions:	POST-1. Product is added in cart.
Normal Flow:	<ol style="list-style-type: none"> 1. User navigates to product page. 2. User clicks on “Add to cart” button. 3. System adds product to cart. 4. System displays success message “Product added to card successfully”.
Alternative Flows:	<ol style="list-style-type: none"> 1a. At step 1, user navigates to products page. <ol style="list-style-type: none"> 1. User selects a product 2. User returns to step 2 of normal flow.
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.32 Checkout Cart

Use Case ID:	UC-34
Use Case Name:	Checkout Cart
Actors:	Buyer (Primary Actor)
Description:	In this use case, a user checkout cart and complete order process.
Trigger:	User navigates to cart page.
Preconditions:	PRE-1. User has at least 1 product in cart.
Postconditions:	POST-1. Product Orders created in system.
Normal Flow:	<ol style="list-style-type: none"> 1. User navigates to cart page. 2. User clicks on “Checkout” button. 3. System displays payment page. 4. User enters billing address. 5. User enters shipping address. 6. User select payment method. 7. User selects debit card. 8. User enters “Name on Card”. 9. User enters card number. 10. User enters CVC code of card. 11. User enters expiry date of card. 12. User clicks on submit button. 13. System process payment. 14. System create order and send notification to seller. 15. System shows success message “Order completed successfully”.
Alternative Flows:	<ol style="list-style-type: none"> 7a. At step 7 of normal flow, User selects easy paisa. <ol style="list-style-type: none"> 1. User enters mobile number. 2. User clicks on submit button. 3. System generates token and show to user to do online payment from easy paisa. 4. User use that token to make payment from easy paisa app. 5. System notifies user that “Order completed successfully”. 7b. At step 7 of normal flow, User selects Cash On delivery. <ol style="list-style-type: none"> 1. User clicks on submit button. 2. System notifies user that “Order completed successfully”. 12a. Before step 12 of normal flow, if user cancels the process, system will redirect back to cart page.
Exceptions:	<ol style="list-style-type: none"> 4a. At step 4 of normal flow, user enters invalid billing address. <ol style="list-style-type: none"> 1. System displays error message “Enter valid billing address”. 2. User updates billing address. 3. User returns to step 5 of normal flow. 5a. At step 5 of normal flow, user enters invalid shipping address. <ol style="list-style-type: none"> 1. System displays error message “Enter valid shipping address”. 2. User updates shipping address. 3. User returns to step 6 of normal flow. 8a. At step 8 of normal flow, user enters invalid name on card. <ol style="list-style-type: none"> 1. System displays error message “Enter valid Name on card”. 2. User updates name on card. 3. User returns to step 9 of normal flow. 9a. At step 9 of normal flow, user enters invalid card number.

	<ol style="list-style-type: none"> 1. System displays error message “Enter valid card number”. 2. User updates card number. 3. User returns to step 10 of normal flow. <p>10a. At step 10 of normal flow, user enters invalid CVV.</p> <ol style="list-style-type: none"> 1. System displays error message “Enter valid CVV”. 2. User updates CVV. 3. User returns to step 11 of normal flow. <p>11a. At step 11 of normal flow, user enters invalid card expiry date.</p> <ol style="list-style-type: none"> 1. System displays error message “Enter valid card expiry date”. 2. User updates card expiry date. 3. User returns to step 12 of normal flow. <p>7c. At step 1 of 7a flow, user enters invalid mobile number.</p> <ol style="list-style-type: none"> 1. System displays error message “Enter valid mobile number”. 2. User updates mobile number. 3. User returns to step 2 of 7a flow.
Business Rules	<p>BR-4: Every order shall have shipping charges.</p> <p>BR-5: If buyer place product order then seller shall receive product order notification.</p>
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection. 2. User has debit card or easy paisa account.

3.2.33 View All Products

Use Case ID:	UC-35
Use Case Name:	View All Products
Actors:	Buyer (Primary)
Description:	In this use case the buyer will be able view all the product. List of products will be displayed in system. By default, system will sort by top rated products.
Trigger:	User clicks “View all Products” in the navigation pane on the home page.
Preconditions:	PRE-1: User is logged into the system.
Postconditions:	POST-1: System display the product page with all products.
Normal Flow:	1. User clicks on all products on the home page. 2. System navigates and displays list of all products.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	1. User has an internet connection.

3.2.34 Ask Product Question

Use Case ID:	UC-36
Use Case Name:	Ask Product Question
Actors:	Buyer (Primary Actor)
Description:	In this use case, a registered user can ask question on a product. Seller will answer question to resolve buyer query.
Trigger:	Buyer navigates to Product page and clicks on “Ask Question” button.
Preconditions:	PRE-1. User is logged into his/her account.
Postconditions:	POST-1. Question is added for product.
Normal Flow:	<ol style="list-style-type: none"> 1. User navigates to Product page. 2. User enters question of maximum 500 characters. 3. User clicks on “Submit” button. 4. System displays success message “Question added successfully”.
Alternative Flows:	
Exceptions:	2a. In step 2 of normal flow, user enters more than 500 characters for question. <ol style="list-style-type: none"> 1. System displays error message “Question cannot be longer than 500 characters”. 2. User update question. 3. User returns to step 3 of normal flow.
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.35 View Services

Use Case ID:	UC-37
Use Case Name:	View Services
Actors:	Buyer (Primary)
Description:	In this use case the buyer will be able to view the Services. User clicks one of the available categories. System displays list of that specific categories on screen.
Trigger:	User clicks “View Service” button in navbar.
Preconditions:	
Postconditions:	POST-1: System displays the services page on screen.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks “view services” button. 2. System displays the services page with all the services in the available in that area. 3. User clicks services user want to view details. 4. System displays the detail of that service.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.36 Request Service

Use Case ID:	UC-38
Use Case Name:	Request Service
Actors:	Buyer (Primary)
Description:	In this use case the user will be able to request the service form available providers/sellers. User clicks one of the sellers. System displays list of questions to gather their requirements and send their request to seller.
Trigger:	User clicks “Request” button on Service page for a provider.
Preconditions:	PRE-1. User is logged into system.
Postconditions:	POST-1: System create a service request.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks “Request” button on Service page for a provider. 2. System displays the questions for service. 3. User enters answers for questions. 4. User clicks submit button. 5. System displays success message “Request created successfully. You will be notified when seller send you invoice”.
Alternative Flows:	
Exceptions:	<ol style="list-style-type: none"> 3a. At step 3 of normal flow, if user enters invalid input for answers. <ol style="list-style-type: none"> 1. System displays error message “Invalid input for answers”. 2. Users reenters inputs. 3. User returns to step 4 f normal flow.
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.37 View Buyer Service Request

Use Case ID:	UC-39
Use Case Name:	View Buyer Service Request
Actors:	Buyer (Primary)
Description:	In this use case the user will be able to view the service request created by them. They will be able to see the inputs they entered for request and invoices for the service request that are requested by seller for service.
Trigger:	User clicks “Details” button on “Service Requests” page.
Preconditions:	PRE-1. User is logged into system.
Postconditions:	POST-1: System create a service request.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks “Details” button on Service Requests page. 2. System fetches Service Request details for user. 3. System displays the service request details along with invoices and their status.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.38 Pay Service Request Invoice

Use Case ID:	UC-40
Use Case Name:	Pay Service Request Invoice
Actors:	Buyer (Primary)
Description:	In this use case the user will be able to pay the invoice for service request
Trigger:	User clicks “Pay Invoice” button of an invoice on “Service Request” page.
Preconditions:	PRE-1. User is logged into system. PRE-2. User has requested a service and has unpaid invoices for service request.
Postconditions:	POST-1: System create a transaction and set invoice status to paid.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks “Pay Invoice” button of an invoice on “Service Request” page. 2. System fetches Service Request invoice details. 3. System displays payment page. 4. User enters billing address. 5. User enters shipping address. 6. User select payment method. 7. User selects debit card. 8. User enters “Name on Card”. 9. User enters card number. 10. User enters CVC code of card. 11. User enters expiry date of card. 12. User clicks on submit button. 13. System process payment. 14. System set invoice paid and send notification to seller. 15. System shows success message “Invoice payment successful”.
Alternative Flows:	<p>7a. At step 7 of normal flow, User selects easy paisa.</p> <ol style="list-style-type: none"> 1. User enters mobile number. 2. User clicks on submit button. 3. System generates token and show to user to do online payment from easy paisa. 4. User use that token to make payment from easy paisa app. 5. System notifies user that “Invoice payment successful”. <p>12a. Before step 12 of normal flow, if user cancels the process, system will redirect back to “Service Request” page.</p>
Exceptions:	<p>4a. At step 4 of normal flow, user enters invalid billing address.</p> <ol style="list-style-type: none"> 1. System displays error message “Enter valid billing address”. 2. User updates billing address. 3. User returns to step 5 of normal flow. <p>5a. At step 5 of normal flow, user enters invalid shipping address.</p> <ol style="list-style-type: none"> 1. System displays error message “Enter valid shipping address”. 2. User updates shipping address. 3. User returns to step 6 of normal flow. <p>8a. At step 8 of normal flow, user enters invalid name on card.</p> <ol style="list-style-type: none"> 1. System displays error message “Enter valid Name on card”. 2. User updates name on card. 3. User returns to step 9 of normal flow. <p>9a. At step 9 of normal flow, user enters invalid card number.</p> <ol style="list-style-type: none"> 1. System displays error message “Enter valid card number”. 2. User updates card number.

	<ul style="list-style-type: none"> 3. User returns to step 10 of normal flow. 10a. At step 10 of normal flow, user enters invalid CVV. <ul style="list-style-type: none"> 1. System displays error message “Enter valid CVV”. 2. User updates CVV. 3. User returns to step 11 of normal flow. 11a. At step 11 of normal flow, user enters invalid card expiry date. <ul style="list-style-type: none"> 1. System displays error message “Enter valid card expiry date”. 2. User updates card expiry date. 3. User returns to step 12 of normal flow. 7c. At step 1 of 7a flow, user enters invalid mobile number. <ul style="list-style-type: none"> 1. System displays error message “Enter valid mobile number”. 2. User updates mobile number. 3. User returns to step 2 of 7a flow.
Business Rules	
Assumptions:	<ul style="list-style-type: none"> 1. User has an internet connection.

3.2.39 Upgrade to Pro Membership

Use Case ID:	UC-41
Use Case Name:	Upgrade to Pro Membership
Actors:	Seller (Primary)
Description:	In this use case the user will be able upgrade to pro membership and pay the fees for membership from their credit card.
Trigger:	User clicks “Upgrade” button of Pro membership on memberships page.
Preconditions:	PRE-1. User is logged into system. PRE-2. User is registered seller. PRE-3. User is not already on pro membership.
Postconditions:	POST-1: System create a transaction and update membership of user.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks “Upgrade” button of Pro membership on memberships page. 2. System fetches Service Request invoice details. 3. System displays payment page. 4. User enters billing address. 5. User enters shipping address. 6. User select payment method. 7. User selects debit card. 8. User enters “Name on Card”. 9. User enters card number. 10. User enters CVC code of card. 11. User enters expiry date of card. 12. User clicks on submit button. 13. System process payment. 14. System set invoice paid and send notification to seller. 15. System shows success message “Invoice payment successful”.
Alternative Flows:	<p>7a. At step 7 of normal flow, User selects easy paisa.</p> <ol style="list-style-type: none"> 1. User enters mobile number. 2. User clicks on submit button. 3. System generates token and show to user to do online payment from easy paisa. 4. User use that token to make payment from easy paisa app. 5. System notifies user that “Order completed successfully”. <p>12a. Before step 12 of normal flow, if user cancels the process, system will redirect back to “Memberships” page.</p>
Exceptions:	<p>4a. At step 4 of normal flow, user enters invalid billing address.</p> <ol style="list-style-type: none"> 1. System displays error message “Enter valid billing address”. 2. User updates billing address. 3. User returns to step 5 of normal flow. <p>5a. At step 5 of normal flow, user enters invalid shipping address.</p> <ol style="list-style-type: none"> 1. System displays error message “Enter valid shipping address”. 2. User updates shipping address. 3. User returns to step 6 of normal flow. <p>8a. At step 8 of normal flow, user enters invalid name on card.</p> <ol style="list-style-type: none"> 1. System displays error message “Enter valid Name on card”. 2. User updates name on card. 3. User returns to step 9 of normal flow. <p>9a. At step 9 of normal flow, user enters invalid card number.</p> <ol style="list-style-type: none"> 1. System displays error message “Enter valid card number”.

	<ul style="list-style-type: none"> 2. User updates card number. 3. User returns to step 10 of normal flow. <p>10a. At step 10 of normal flow, user enters invalid CVV.</p> <ul style="list-style-type: none"> 1. System displays error message “Enter valid CVV”. 2. User updates CVV. 3. User returns to step 11 of normal flow. <p>11a. At step 11 of normal flow, user enters invalid card expiry date.</p> <ul style="list-style-type: none"> 1. System displays error message “Enter valid card expiry date”. 2. User updates card expiry date. 3. User returns to step 12 of normal flow. <p>7c. At step 1 of 7a flow, user enters invalid mobile number.</p> <ul style="list-style-type: none"> 1. System displays error message “Enter valid mobile number”. 2. User updates mobile number. 3. User returns to step 2 of 7a flow.
Business Rules	BR-10: If the membership payment is not received within 7 calendars days after it is due then the system shall suspend seller’s membership.
Assumptions:	<ul style="list-style-type: none"> 1. User has an internet connection. 2. User has a credit/debit card.

3.2.40 Cancel Pro Membership

Use Case ID:	UC-42
Use Case Name:	Cancel Pro Membership
Actors:	Seller (Primary)
Description:	In this use case the user will be able cancel pro membership.
Trigger:	User clicks “Cancel Membership” button of Pro membership on memberships page.
Preconditions:	PRE-1. User is logged into system. PRE-2. User is registered seller. PRE-3. User is on pro membership.
Postconditions:	POST-1: System update membership of user to “free member”.
Normal Flow:	1. User clicks “Cancel Membership” button of Pro membership on memberships page. 2. System ask to confirm action. 3. User confirms action. 4. System shows success message “Membership cancelled successfully”.
Alternative Flows:	3a. Before step 3 of normal flow, if user cancels the process, system will redirect back to “Memberships” page.
Exceptions:	
Business Rules	
Assumptions:	1. User has an internet connection.

3.2.41 View Product Questions

Use Case ID:	UC-43
Use Case Name:	View Product Questions
Actors:	Seller (Primary Actor)
Description:	In this use case, a registered seller can see the asked questions on their products.
Trigger:	User clicks on “Product Question” link in navbar.
Preconditions:	PRE-1. User is logged into his/her account. PRE-2. User is registered seller.
Postconditions:	POST-1 System displays the product questions.
Normal Flow:	1. User navigates to Product Questions page. 2. System fetches all product questions for user’s products. 3. System displays all product questions.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	1. User has an internet connection.

3.2.42 Answer Product Question

Use Case ID:	UC-44
Use Case Name:	Answer Product Question
Actors:	Seller (Primary Actor)
Description:	In this use case, a registered seller can answer the asked questions on their products.
Trigger:	User navigates to Product Questions and clicks on “Answer” button of a “Question” record.
Preconditions:	PRE-1. User is logged into his/her account.
Postconditions:	POST-1. Answer is added for product question.
Normal Flow:	<ol style="list-style-type: none"> 1. User navigates to Product Question page. 2. User enters answer of maximum 500 characters. 3. User clicks on “Submit” button. 4. System displays success message “Answer added successfully”.
Alternative Flows:	
Exceptions:	2a. In step 2 of normal flow, user enters more than 500 characters for answer. <ol style="list-style-type: none"> 1. System displays error message “Answer cannot be longer than 500 characters”. 2. User update answer. 3. User returns to step 3 of normal flow.
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.43 Ask Service Question

Use Case ID:	UC-45
Use Case Name:	Ask Service Question
Actors:	Buyer (Primary Actor)
Description:	In this use case, a registered user can ask question on a service. Buyer will answer question to resolve user query.
Trigger:	User navigates to Service page and clicks on “Ask Question” button.
Preconditions:	PRE-1. User is logged into his/her account.
Postconditions:	POST-1. Question is added for product.
Normal Flow:	<ol style="list-style-type: none"> 1. User navigates to Service page. 2. User enters question of maximum 500 characters. 3. User clicks on “Submit” button. 4. System displays success message “Question added successfully”.
Alternative Flows:	
Exceptions:	2a. In step 2 of normal flow, user enters more than 500 characters for question. <ol style="list-style-type: none"> 1. System displays error message “Question cannot be longer than 500 characters”. 2. User update question. 3. User returns to step 3 of normal flow.
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.44 View Service Questions

Use Case ID:	UC-1
Use Case Name:	View Service Questions
Actors:	Seller (Primary Actor)
Description:	In this use case, a registered seller can see the asked questions on their services.
Trigger:	User clicks on “Product Question” link in navbar.
Preconditions:	PRE-1. User is logged into his/her account. PRE-2. User is registered seller.
Postconditions:	
Normal Flow:	1. User navigates to Service Questions page. 2. System fetches all service questions for user’s services. 3. System displays all service questions.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	1. User has an internet connection.

3.2.45 Answer Service Question

Use Case ID:	UC-47
Use Case Name:	Answer Service Question
Actors:	Seller (Primary Actor)
Description:	In this use case, a registered seller can answer the asked questions on their services.
Trigger:	User navigates to Service Questions and clicks on “Answer” button of a “Question” record.
Preconditions:	PRE-1. User is logged into his/her account.
Postconditions:	POST-1. Answer is added for service question.
Normal Flow:	<ol style="list-style-type: none"> 1. User navigates to Service Question page. 2. User enters answer of maximum 500 characters. 3. User clicks on “Submit” button. 4. System displays success message “Answer added successfully”.
Alternative Flows:	
Exceptions:	2a. In step 2 of normal flow, user enters more than 500 characters for answer. <ol style="list-style-type: none"> 1. System displays error message “Answer cannot be longer than 500 characters”. 2. User update answer. 3. User returns to step 3 of normal flow.
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.46 Search Products

Use Case ID:	UC-48
Use Case Name:	Search Products
Actors:	Buyer (Primary)
Description:	In this use case the buyer will be able search all the product in the system. List of relevant results will be displays under search. System will search relevant matches of the product name and shop name and display results.
Trigger:	User clicks on the search button. And type something in the search bar.
Preconditions:	
Postconditions:	POST-1: System display the product page with relevant search button.
Normal Flow:	1. User clicks on all products on the home page. 2. System navigates and displays the list of all products.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	1. User has an internet connection.

3.2.47 Filter Products

Use Case ID:	UC-49
Use Case Name:	Filter Products
Actors:	Buyer (Primary)
Description:	In this use case the buyer will be able filter all the product in the system. List of relevant results will be displays on page. User will be able to search based on categories, rating, prices and number of sales of products.
Trigger:	User select filter in navbar of home page.
Preconditions:	
Postconditions:	POST-1: System display the product page with relevant filtered products.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks category button on the home page. 2. System display dropdown with categories. 3. User select desired category. 4. System displays data according to that category.
Alternative Flows:	<ol style="list-style-type: none"> 1a. At step 1 of normal flow user clicks rating <ol style="list-style-type: none"> 1. User clicks Ratings one of 5 stars on the home page side bar. 2. System displays product according to rating selected by the user. 1b. At step 1 of normal flow user checks price range <ol style="list-style-type: none"> 1. User select desire price range. 2. System displays product according to selected price range. 1c. At step 1 of normal flow user clicks sales <ol style="list-style-type: none"> 1. User clicks on sales combo box. 2. System display a dropdown with options of sales from high to low or low to high. 3. System displays products according to sales option selected by the user.
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.48 Review Product

Use Case ID:	UC-50
Use Case Name:	Review Product.
Actors:	Buyer (Primary)
Description:	In this use case buyer will be able to add product review after successful order delivery. User can give 1 to 5 starts based on user's experience.
Trigger:	User click review button under product on "Order History" page.
Preconditions:	PRE-1: User is logged into the system. PRE-2: Buyer have purchased at least one product from that seller.
Postconditions:	POST-1: System displays order page on screen.
Normal Flow:	<ol style="list-style-type: none"> 1. User click "Review" button under product on "Order History" page. 2. User select star from 1 to 5. 3. User type review message. 4. User clicks "Submit" button. 5. System add buyer response under that product.
Alternative Flows:	<ol style="list-style-type: none"> 4a. At step 4 of normal flow. If user clicks "cancel". <ol style="list-style-type: none"> 1. System close the reply section. 2. Use case terminates.
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.49 View Order History

Use Case ID:	UC-51
Use Case Name:	View Order History
Actors:	Buyer (Primary)
Description:	In this use case the buyer will be able to view the order history also check the currently progress orders.
Trigger:	User clicks “order history” button in navbar.
Preconditions:	PRE-1: User is logged into the system.
Postconditions:	POST-1: System successfully add product to users account Wishlist.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on the order history button in navbar. 2. System displays the list of all the orders that user have ever placed and list of currently progress orders. 3. User clicks any orders he wants to view details. 4. System displays complete details of order.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.50 View Buyer Order Details

Use Case ID:	UC-52
Use Case Name:	View Buyer Order Details
Actors:	Moderator (Primary)
Description:	In this use case the moderator will be able to view the buyer's orders details.
Trigger:	Moderator select Buyer Account on “View All Buyers” page.
Preconditions:	PRE-1: Moderator is logged in to the system.
Postconditions:	POST-1: System displays the order details.
Normal Flow:	<ol style="list-style-type: none">1. Moderator select Buyer Account on “View All Buyers” page.2. System displays the account of the seller along with their orders.3. Moderator selects an order.4. Moderator clicks “order details” button.5. System displays the order details.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none">1. User has an internet connection.

3.2.51 Add Product to Wish List

Use Case ID:	UC-53
Use Case Name:	Add Product to Wish List
Actors:	Buyer (Primary)
Description:	In this use case the buyer will be able to add product to the wish list. To view the product latter on or to save the product.
Trigger:	User clicks “add to wish list” button in navbar.
Preconditions:	PRE-1: User is logged into the system.
Postconditions:	POST-1: System add product to buyer Wishlist.
Normal Flow:	<ol style="list-style-type: none"> 1. User clicks on the product he wants to add to Wishlist. 2. System displays the details of the products. 3. User clicks “add to wish list” button. 4. System save that product in users wish list.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.52 View Buyer's wish list

Use Case ID:	UC-54
Use Case Name:	View buyer's wish list
Actors:	Buyer (Primary)
Description:	In this use case the buyer will be able to view the wish list to view the product that user had already added to the wish list.
Trigger:	User clicks "My Wishlist" button on the product details page.
Preconditions:	PRE-1: User is logged into the system.
Postconditions:	POST-1: System successfully display the buyers wish list.
Normal Flow:	1. User clicks "My Wishlist" in navbar. 2. System displays buyers Wishlist.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	1. User has an internet connection.

3.2.53 View Product

Use Case ID:	UC-55
Use Case Name:	View Products
Actors:	Buyer (Primary)
Description:	In this use case the buyer will be able to view the products details.
Trigger:	User clicks “Products” button in navbar.
Preconditions:	
Postconditions:	POST-1: System displays products page on screen.
Normal Flow:	<ol style="list-style-type: none">1. User clicks view products.2. System displays the products page with all the products in the system.3. User clicks products user want to view details.4. System displays the detail of that product.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none">1. User has an internet connection.

3.2.54 View Sellers Product Details

Use Case ID:	UC-56
Use Case Name:	View Seller's Product Details
Actors:	Moderator (Primary)
Description:	In this use case the moderator will be able to view the seller's products details.
Trigger:	Moderator select a seller account on “Sellers” page.
Preconditions:	PRE-1: Moderator is logged in to the system.
Postconditions:	POST-1: System displays the product page on screen.
Normal Flow:	<ol style="list-style-type: none">1. Moderator select Seller Account on “Sellers” page.2. System displays the account of the seller along with their products.3. Moderator selects a product.4. Moderator clicks “product details” button.5. System displays the product details.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none">1. User has an internet connection.

3.2.55 View Sellers Product Order Details

Use Case ID:	UC-57
Use Case Name:	View Seller's Product Order details
Actors:	Moderator (Primary)
Description:	In this use case the moderator will be able to view the seller's orders details.
Trigger:	Moderator select a seller account on “Sellers” page.
Preconditions:	PRE-1: Moderator is logged in to the system.
Postconditions:	POST-1: System displays the view page on screen.
Normal Flow:	<ol style="list-style-type: none"> 1. Moderator select Seller Account on “Sellers” page. 2. System displays the account of the seller along with their product orders. 3. Moderator selects a product order. 4. Moderator clicks “product order details” button. 5. System displays the product order details.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.56 View Sellers Service Details

Use Case ID:	UC-58
Use Case Name:	View Seller's Services details
Actors:	Moderator (Primary)
Description:	In this use case the moderator will be able to view the seller's services details.
Trigger:	Moderator select a seller account on “Sellers” page.
Preconditions:	PRE-1: Moderator is logged into the system.
Postconditions:	POST-1: System displays the services page on screen.
Normal Flow:	<ol style="list-style-type: none"> 1. Moderator select Seller Account on “Sellers” page. 2. System displays the account of the seller along with their product orders. 3. Moderator selects a service. 4. Moderator clicks “Service details” button. 5. System displays the service details.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.57 Review Seller Service

Use Case ID:	UC-59
Use Case Name:	Review Seller Service
Actors:	Moderator (Primary)
Description:	In this use case the moderator will be able to approve or disapprove the service request that seller tries to create.
Trigger:	Moderator clicks “Seller Services” button.
Preconditions:	PRE-1: Moderator is logged into the system. PRE-2: Seller send a service creation request.
Postconditions:	POST-1: System set status of service “Approved”.
Normal Flow:	<ol style="list-style-type: none"> 1. Moderator clicks “Seller Services” button. 2. System display list of all the services. 3. Moderator select a service. 4. Moderator clicks “Approve” button to approve service request. 5. System approve the request and add service to the system. 6. System generates and send notification to the seller.
Alternative Flows:	<ol style="list-style-type: none"> 3a. At step 4 of normal flow. Moderator clicks Disapprove. <ol style="list-style-type: none"> 1. System don’t add service to the system. 2. Use case continue from step 6 of normal flow.
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.58 Review Seller Product

Use Case ID:	UC-60
Use Case Name:	Review Seller Product
Actors:	Moderator (Primary)
Description:	In this use case the moderator will be able to approve or disapprove the products request that seller tries to add.
Trigger:	Moderator clicks “Seller Products” button.
Preconditions:	PRE-1: Moderator is logged into the system. PRE-2: Seller send a product creation request.
Postconditions:	POST-1: System set status of product “Approved”.
Normal Flow:	<ol style="list-style-type: none"> 1. Moderator clicks “Seller Products” button. 2. System display list of all the products. 3. Moderator clicks the individual product request. 4. Moderator clicks the “Approve” button to approve service request. 5. System approve the request and add service to the system. 6. System generates and send notification to the seller.
Alternative Flows:	<ol style="list-style-type: none"> 3a. At step 4 of normal flow. Moderator clicks disapprove. <ol style="list-style-type: none"> 1. System don't add product to the system. 2. Use case continue from step 6 of normal flow.
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.59 Create Product Category

Use Case ID:	UC-61
Use Case Name:	Create Product category
Actors:	Admin (Primary)
Description:	In this use case user will be able create the product category. Seller will be able to add the products according to that categories.
Trigger:	Admin clicks “Add New” button on categories page.
Preconditions:	PRE-1: User is logged into the system.
Postconditions:	POST-1: Product category created in system.
Normal Flow:	<ol style="list-style-type: none"> 1. Admin clicks the “Add New” button on categories page 2. System displays a dialog box with name field. 3. Admin enters the category name. 4. Admin clicks the “Submit” button 5. System save category into the system.
Alternative Flows:	<ol style="list-style-type: none"> 4a. At step 4 of the normal flow user clicks “cancel” button. <ol style="list-style-type: none"> 1. Use case terminates.
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.60 View Product Categories

Use Case ID:	UC-62
Use Case Name:	View Product Categories
Actors:	Admin (Primary)
Description:	In this use case admin will be able to view the product category. That will be available for sellers to categories their products.
Trigger:	Admin clicks view products categories
Preconditions:	PRE-1: User is logged into the system.
Postconditions:	POST-1: Product Categories displayed.
Normal Flow:	1. Admin Clicks “View” Button on categories page. 2. System display list of all the categories available for the sellers.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	1. User has an internet connection.

3.2.61 Edit Product Category

Use Case ID:	UC-63
Use Case Name:	Edit Product Category
Actors:	Admin (Primary)
Description:	In this use case, Admin will be able edit his product categories.
Trigger:	User clicks “Edit categories” on the categories page.
Preconditions:	PRE-1: User is logged into the system.
Postconditions:	POST-1: Product information is updated.
Normal Flow:	<ol style="list-style-type: none"> 1. User selects a product category, 2. User Clicks on “Edit Product”. 3. System displays dialog box with category name field. 4. User edits categories information. 5. User clicks save to save the information.
Alternative Flows:	<ol style="list-style-type: none"> 3a. At step 3 of normal flow user clicks on the “Cancel” button. <ol style="list-style-type: none"> 1. System will not save edited information. 2. System will go back to the all products page.
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.62 Delete Product Category

Use Case ID:	UC-64
Use Case Name:	Delete Product category
Actors:	Admin (Primary)
Description:	In this use case the user will be able delete the product category. List of products will be displayed that the user has in shop. User selects the specific product category and click on the delete button.
Trigger:	User clicks “Delete” button in front of the product category that he/she wants to delete.
Preconditions:	PRE-1: User is logged into the system. PRE-1: User have added at least one product category.
Postconditions:	POST-1: Service information is deleted successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. System displays the list of all the products categories to the user. 2. User selects the products he wants to delete. 3. User clicks delete the button. 4. System displays confirmation dialog box. 5. User clicks “Confirm” button in the dialog box. 6. System delete the products category from the system.
Alternative Flows:	<ol style="list-style-type: none"> 4a. At step 4 of the normal flow user clicks “cancel” button. <ol style="list-style-type: none"> 1. User clicks cancel the button. 2. Use case terminates.
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.63 Create Service Category

Use Case ID:	UC-65
Use Case Name:	Create Service category
Actors:	Admin (Primary)
Description:	In this use case admin will be able create the service category. Seller will be able to add the service according to that categories.
Trigger:	Admin clicks “Add service” button on the categories page.
Preconditions:	PRE-1: User is logged into the system.
Postconditions:	POST-1: Service category added successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. Admin clicks the “add Service” button on categories page. 2. System displays a dialog box with categories types and sub types. 3. Admin enters new the categories. 4. Admin clicks the “add” button 5. System save category into the system.
Alternative Flows:	<ol style="list-style-type: none"> 4a. At step 4 of the normal flow user clicks “cancel” button. <ol style="list-style-type: none"> 1. Use case terminates.
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.64 View Service Categories

Use Case ID:	UC-66
Use Case Name:	View Service Categories
Actors:	Admin (Primary)
Description:	In this use case admin will be able to view the Service category. That will be available for sellers to categories their Service.
Trigger:	Admin clicks view Services button on categories page.
Preconditions:	PRE-1: User is logged into the system.
Postconditions:	POST-1: Categories displays successfully.
Normal Flow:	1. Admin Clicks “View” Button on categories page. 2. System display list of all the categories available for the sellers.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	1. User has an internet connection.

3.2.65 Edit Service Category

Use Case ID:	UC-67
Use Case Name:	Edit Service category
Actors:	Admin (Primary)
Description:	In this use case Admin will be able edit his Service categories.
Trigger:	User clicks “Edit categories” on the categories page.
Preconditions:	PRE-1: User is logged into the system.
Postconditions:	POST-1: Service information is edited successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. User Clicks on “Edit Service”. 2. System displays editable version of the categories. 3. User edits categories information. 4. User clicks save to save the information.
Alternative Flows:	2a in step 2 of normal flow user clicks on the “Cancel” button. <ol style="list-style-type: none"> 1. System will not save edited information. 2. System will go back to the all Services page.
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.66 Delete Service Category

Use Case ID:	UC-68
Use Case Name:	Delete Service category
Actors:	Admin (Primary)
Description:	In this use case the user will be able delete the Service category. List of Services will be displayed that the user has in shop. User selects the specific Service category and click on the delete button.
Trigger:	User clicks “Delete” button in front of the Service category that he/she wants to delete.
Preconditions:	PRE-1: User is logged into the system. PRE-1: User have added at least one Service category.
Postconditions:	POST-1: Service information is deleted successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. System displays the list of all the Services categories to the user. 2. User selects the Services he wants to delete. 3. User clicks delete the button. 4. System displays confirmation dialog box. 5. User clicks “Confirm” button in the dialog box. 6. System delete the Services category from the system.
Alternative Flows:	<ol style="list-style-type: none"> 4a. At step 4 of the normal flow user clicks “cancel” button. <ol style="list-style-type: none"> 1. User clicks cancel the button. 2. Use case terminates.
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.67 Create Product tag

Use Case ID:	UC-69
Use Case Name:	Create the Product tag
Actors:	Admin (Primary)
Description:	In this use case user will be able create the Product tag. Seller will be able to add these tags in their products. That will help the system to sort products according to tags.
Trigger:	Admin clicks the “add tag” button on categories page.
Preconditions:	PRE-1: User is logged into the system.
Postconditions:	POST-1: Product tag added successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. Admin clicks the “add tag” button on categories page 2. System displays a dialog box with tag types. 3. Admin enters new the tag 4. Admin clicks the “add” button 5. System save tag into the system.
Alternative Flows:	<ol style="list-style-type: none"> 4a. At step 4 of the normal flow user clicks “cancel” button. <ol style="list-style-type: none"> 1. Use case terminates.
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.68 View Product Tag

Use Case ID:	UC-70
Use Case Name:	View Product Tag
Actors:	Admin (Primary)
Description:	In this use case admin will be able to view the product tag. That will be available for sellers to tag their products.
Trigger:	Admin clicks view the products tag.
Preconditions:	PRE-1: User is logged into the system.
Postconditions:	POST-1: Tag displays successfully.
Normal Flow:	1. Admin Clicks “View” Button on category page. 2. System display list of all the tag available for the sellers.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	1. User has an internet connection.

3.2.69 Edit Product Tag

Use Case ID:	UC-71
Use Case Name:	Edit Product tag
Actors:	Admin (Primary)
Description:	In this use case Admin will be able edit his product tag.
Trigger:	User clicks “Edit tag” on the categories page.
Preconditions:	PRE-1: User is logged into the system.
Postconditions:	POST-1: Product information is edited successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. User Clicks on “Edit Product Tags”. 2. System displays editable version of the tags. 3. User edits tags information. 4. User clicks save to save the information.
Alternative Flows:	2a in step 2 of normal flow user clicks on the “Cancel” button. <ol style="list-style-type: none"> 1. System will not save edited information. 2. System will go back to the all products page.
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.70 Delete Product tag

Use Case ID:	UC-72
Use Case Name:	Delete Product tag
Actors:	Admin (Primary)
Description:	In this use case the user will be able delete the product tag. List of products will be displayed that the user has in shop. User selects the specific product tag and click on the delete button.
Trigger:	User clicks “Delete” button in front of the product tag that he/she wants to delete.
Preconditions:	PRE-1: User is logged into the system. PRE-1: User have added at least one product tag.
Postconditions:	POST-1: Service information is deleted successfully.
Normal Flow:	<ol style="list-style-type: none"> 1. System displays the list of all the products categories to the user. 2. User selects the products he wants to delete. 3. User clicks delete the button. 4. System displays confirmation dialog box. 5. User clicks “Confirm” button in the dialog box. 6. System delete the products tag from the system.
Alternative Flows:	<ol style="list-style-type: none"> 4a. At step 4 of the normal flow user clicks “cancel” button. <ol style="list-style-type: none"> 1. User clicks cancel the button. 2. Use case terminates.
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none"> 1. User has an internet connection.

3.2.71 Ban Buyer

Use Case ID:	UC-73
Use Case Name:	Ban Buyer
Actors:	Moderator (Primary)
Description:	In this use case Moderator can ban any user that is posting prohibited and appropriate content or violating the system rules and policies. Moderator shall be obliged to add a proper reason for ban.
Trigger:	Moderator clicks “Ban” Button on buyer’s profile page.
Preconditions:	PRE-1: User is logged into the system. PRE-2: Buyer have profile in system.
Postconditions:	POST-1: User banned in system.
Normal Flow:	<ol style="list-style-type: none"> 1. Moderator select a buyer profile. 2. System displays buyer profile page. 3. Moderator clicks “ban” button in front of buyer’s profile. 4. System display a dialog box with input field to Add Rationale behind ban. 5. Moderator enters rationale. 6. Moderator clicks “Confirm” button. 7. System ban the buyer.
Alternative Flows:	
Exceptions:	
Business Rules	BR-12: If the user is banned from the system then he/she shall not be able to login to the system.
Assumptions:	1. User has an internet connection.

3.2.72 Ban Seller

Use Case ID:	UC-74
Use Case Name:	Ban Seller
Actors:	Moderator (Primary)
Description:	In this use case Moderator can ban any user that is posting prohibited and appropriate content or violating the system rules and policies. Moderator shall be obliged to add a proper reason for ban.
Trigger:	Moderator clicks “Ban” Button on seller’s profile page.
Preconditions:	PRE-1: User is logged into the system. PRE-2: Seller have profile in system.
Postconditions:	POST-1: User banned in system.
Normal Flow:	<ol style="list-style-type: none"> 1. Moderator select a buyer profile. 2. System displays buyer profile page. 3. Moderator clicks “ban” button in front of seller’s profile. 4. System display a dialog box with input field to Add Rationale behind ban. 5. Moderator enters rationale. 6. Moderator clicks “Confirm” button. 7. System ban the buyer.
Alternative Flows:	
Exceptions:	
Business Rules	BR-12: If the user is banned from the system then he/she shall not be able to login to the system.
Assumptions:	1. User has an internet connection.

3.2.73 Follow Shop

Use Case ID:	UC-75
Use Case Name:	Follow Shop
Actors:	Buyer (Primary)
Description:	In this use case, buyer will be able to follow a shop so that they get notified on promotions and live videos from shop.
Trigger:	Buyer navigates to a shop page.
Preconditions:	PRE-1: User is logged into the system.
Postconditions:	
Normal Flow:	<ol style="list-style-type: none">1. Buyer navigates to a shop page.2. Buyer clicks on “Follow” button.3. System display success dialog message.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	<ol style="list-style-type: none">1. User has an internet connection.

3.2.74 Unfollow Shop

Use Case ID:	UC-76
Use Case Name:	Unfollow Shop
Actors:	Buyer (Primary)
Description:	In this use case, buyer will be able to unfollow a shop so that they stop getting notified on promotions and live videos from shop.
Trigger:	Buyer navigates to a shop page.
Preconditions:	PRE-1: User is logged into the system. PRE-2: Buyer has followed the shop.
Postconditions:	
Normal Flow:	1. Buyer navigates to a shop page. 2. Buyer clicks on “Unfollow” button. 3. System display success dialog message.
Alternative Flows:	
Exceptions:	
Business Rules	
Assumptions:	1. User has an internet connection.

4. Functional Requirements

4.1 Register

4.1.1 Display Registration page

Identifier	FR-1
Title	Display Registration Page
Requirement	The system shall be able to display registration page after user clicks “Register” button.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To sign-in and access system functionalities.
Business Rule	1. Seller must be a female.
Dependencies	FR-2, FR-5
Priority	High

4.1.2 Enter Personal Information

Identifier	FR-2
Title	Enter Personal Information
Requirement	The user shall be able to enter his/her personal information i.e. name, password, phone number etc. after user clicks “Register” button.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To record the personal details of every individual which serves as a source of identification.
Business Rule	
Dependencies	FR-3, FR-6
Priority	High

4.1.3 Validate Personal Information

Identifier	FR-3
Title	Validate Personal Information
Requirement	The system shall validate user’s personal information i.e. name, email, password, phone number etc. after user enters the credentials.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	In order to store valid and verified information of the individual

Business Rule	
Dependencies	
Priority	High

4.1.4 Enter Shop Information

Identifier	FR-4
Title	Enter Shop Information
Requirement	The user shall be able to enter her shop information i.e. name, description, categories etc. after submitting her personal information.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To record the shop details of every individual against his/her personal information which serves as a source of identification.
Business Rule	1. Only female can make a shop
Dependencies	FR-8
Priority	High

4.1.5 Validate Shop Information

Identifier	FR-5
Title	Validate Shop Information
Requirement	The system shall validate user's shop information i.e. name, description, categories etc. after user enters the information.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	In order to store valid and verified information of the shop
Business Rule	
Dependencies	FR-7
Priority	High

4.1.6 5-Digit Code Verification

Identifier	FR-6
Title	5-Digit Code Verification
Requirement	The system shall send 5-Digit code to user's phone number in order to verify his/her phone number.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)

Rationale	In verify that the user who is registering is the actual owner of the phone number.
Business Rule	
Dependencies	
Priority	High

4.1.7 Display Error Message

Identifier	FR-7
Title	Display Error Message
Requirement	The system shall generate error messages if validation failed for specific Personal and Shop information.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.1.8 Unique Shop Name

Identifier	FR-8
Title	Unique Shop Name
Requirement	The system shall let user to enter only unique name for her shop.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	As copy rights work, every should would have a unique name so that it can acts as a Brand.
Business Rule	
Dependencies	FR-7
Priority	High

4.2 Login

4.2.9 Display Login page

Identifier	FR-9
Title	Display Login Page

Requirement	Registered user shall be able to view Login page after pressing the login button.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To enter credentials in order to login.
Business Rule	
Dependencies	FR-10, FR-12
Priority	High

4.2.10 Sign In

Identifier	FR-10
Title	Display Login Page
Requirement	Registered user shall be able to view Login page after pressing the login button.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To access his/her registered account and use system functionality.
Business Rule	
Dependencies	FR-11
Priority	High

4.2.11 Validate Login Credentials

Identifier	FR-11
Title	Validate Login Credentials
Requirement	System shall verify account username and password.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To verify user account information, form the database.
Business Rule	
Dependencies	FR-14
Priority	High

4.2.12 Forget Password

Identifier	FR-12
Title	Forget Password

Requirement	The user shall be able to set a new password through email after clicking Forget Password.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To login even if user forgets his/her password.
Business Rule	
Dependencies	
Priority	High

4.2.13 Email Change Password URL

Identifier	FR-13
Title	Email Change Password URL
Requirement	System shall send an email containing “change password URL” to user after user clicks “Send URL”
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To make sure user can set a new password.
Business Rule	
Dependencies	
Priority	High

4.2.14 Display Error Message

Identifier	FR-14
Title	Display Error Message
Requirement	The system shall generate error messages if validation failed for user’s login credentials.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.3 Verify Email

4.3.15 Email Verification

Identifier	FR-15
Title	Email Verification
Requirement	The system shall validate Email after user entered the email.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To identify and verify that email belongs to the user who are registering.
Business Rule	
Dependencies	FR-16
Priority	High

4.3.16 Validate Email Token

Identifier	FR-16
Title	Validate Email Token
Requirement	The system shall validate email verification token and token expiry after sending an email to the user.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To verify that email belongs to the user who are registering
Business Rule	
Dependencies	FR-17
Priority	High

4.3.17 Display Error Message

Identifier	FR-17
Title	Display Error Message
Requirement	The system shall generate error messages if validation failed for user's email.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.4 Verify CNIC

4.4.18 Enter CNIC

Identifier	FR-18
Title	Enter CNIC
Requirement	The user shall be able to enter her CNIC in registration form after clicking register button.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To identify and authenticate a female user.
Business Rule	CNIC must be of a female
Dependencies	
Priority	High

4.4.19 Validate CNIC

Identifier	FR-19
Title	Validate CNIC
Requirement	System shall validate CNIC after seller enters.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To authenticate that user has a Pakistani nationality.
Business Rule	
Dependencies	
Priority	High

4.4.20 Validate CNIC Empty Field

Identifier	FR-20
Title	Validate CNIC Empty Field
Requirement	System shall validate if CNIC field is empty.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To verify that CNIC field must be entered.
Business Rule	
Dependencies	
Priority	High

4.5 Update Account Setting

4.5.21 Display Setting page

Identifier	FR-21
Title	Display Setting Page
Requirement	Registered user shall be able to view Setting page after pressing the Setting button.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To set the account.
Business Rule	
Dependencies	FR-24
Priority	High

4.5.22 Validate Phone Number

Identifier	FR-22
Title	Validate Phone Number
Requirement	The system shall validate email validate the phone number that user entered.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To verify that phone number belongs to the owner of account.
Business Rule	
Dependencies	
Priority	High

4.5.23 4-Digit Code Verification

Identifier	FR-23
Title	4-Digit Code Verification
Requirement	The system shall send 4-Digit code to user's phone number in order to verify his/her phone number.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To verify that the user who is registering is the actual owner of the phone number.
Business Rule	
Dependencies	

Priority	High
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4.5.24 User Account Verification

Identifier	FR-24
Title	User Account Verification
Requirement	The system shall validate username and old password after user enters them.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To verify that the validated inputs should be stored in database.
Business Rule	
Dependencies	FR-25
Priority	High

4.5.25 Incorrect Password

Identifier	FR-25
Title	Incorrect Password
Requirement	The system shall validate if user's password matches the old password.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To verify that the user who is trying to update the account is the owner of that account.
Business Rule	
Dependencies	
Priority	High

4.5.26 Match Password

Identifier	FR-26
Title	Match Password
Requirement	The system shall validate if user's new password and confirm password matches.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To make sure that user puts the right password.
Business Rule	
Dependencies	

Priority	High
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4.6 Update Mobile Number

4.6.27 Display Setting page

Identifier	FR-27
Title	Display Setting Page
Requirement	Registered user shall be able to view Setting page after pressing the Setting button.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To set the account.
Business Rule	
Dependencies	FR-28
Priority	High

4.6.28 Enter Unique Phone Number

Identifier	FR-28
Title	Enter Unique Phone Number
Requirement	Registered user shall be able to enter unique phone number which has not been registered already after clicking “Edit Phone Number”.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To update the unique phone number.
Business Rule	
Dependencies	FR-29, FR-30
Priority	High

4.6.29 Validate Phone Number

Identifier	FR-29
Title	Validate Phone Number
Requirement	The system shall validate the phone number that user entered.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To verify that phone number belongs to the owner of the account.
Business Rule	
Dependencies	

Priority	High
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4.6.30 4-Digit Code Verification

Identifier	FR-30
Title	4-Digit Code Verification
Requirement	The system shall send 4-Digit code to user's phone number in order to verify his/her phone number.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To verify that the user who is registering is the actual owner of the phone number.
Business Rule	
Dependencies	
Priority	High

4.7 Upload Profile Picture

4.7.31 Upload Profile Picture

Identifier	FR-32
Title	Upload Profile Picture
Requirement	The user shall be able to upload his/her profile picture.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To show graphical presence of the user on system.
Business Rule	
Dependencies	FR-33, FR-34
Priority	High

4.7.32 Validate File Size

Identifier	FR-33
Title	Validate File Size
Requirement	The system shall validate if user uploaded image exceeds 5MB size.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To stop from overload.
Business Rule	

Dependencies	FR-35
Priority	High

4.7.33 Click Cancel Button

Identifier	FR-34
Title	Click Cancel Button
Requirement	The user shall close the popup window after clicking Cancel button.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To cancel uploading profile picture.
Business Rule	
Dependencies	
Priority	High

4.7.34 Display Error Message

Identifier	FR-35
Title	Display Error Message
Requirement	The system shall generate error messages if user uploads image of size greater than 5MB.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.8 View Withdraw History

4.8.35 Display List of withdraw transactions

Identifier	FR-36
Title	Display List of withdraw transactions
Requirement	Seller shall display list of withdraw transactions history after seller clicks "View withdraw history".
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To show list of withdraw transactions history to seller.

Business Rule	
Dependencies	
Priority	High

4.9 Update Withdraw Setting

4.9.36 Display update withdraw setting page

Identifier	FR-37
Title	Display update withdraw setting page
Requirement	Seller shall display withdraw setting page after user clicks “Withdraw Setting”.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To set the withdraw setting.
Business Rule	
Dependencies	FR-38
Priority	High

4.9.37 Enter Bank Account Information

Identifier	FR-38
Title	Enter Bank Account Information
Requirement	User shall be able to enter bank account information i.e. Name, account number etc.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To get money from the system to user bank account.
Business Rule	
Dependencies	FR-39
Priority	High

4.9.38 Update threshold amount

Identifier	FR-39
Title	Update threshold amount
Requirement	The seller shall be able to update her threshold amount from predefined values.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)

Rationale	To set least amount she wants to withdraw.
Business Rule	
Dependencies	
Priority	High

4.10 Upload Shop Profile Picture

4.10.39 Upload Shop Profile Picture

Identifier	FR-41
Title	Upload Shop Profile Picture
Requirement	The seller shall be able to upload her profile picture.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To show graphical presence of the seller shop on system.
Business Rule	
Dependencies	FR-42, FR-43
Priority	High

4.10.40 Validate File Size

Identifier	FR-42
Title	Validate File Size
Requirement	The system shall validate if seller uploaded image exceeds 5MB size.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To stop from overload.
Business Rule	
Dependencies	FR-44
Priority	High

4.10.41 Click Cancel Button

Identifier	FR-43
Title	Click Cancel Button
Requirement	The seller shall close the popup window after clicking Cancel button.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To cancel uploading shop profile picture.

Business Rule	
Dependencies	
Priority	High

4.10.42 Display Error Message

Identifier	FR-44
Title	Display Error Message
Requirement	The system shall generate error messages if seller uploads image of size greater than 5MB.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, know about her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.11 View Seller Products

4.11.45 View Add Product Page

Identifier	FR-45
Title	View add product page
Requirement	The seller shall be able to add product to his/ her shop by clicking "add product" button
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To view the add products page and add product to the shop.
Business Rule	
Dependencies	FR-46, FR-47
Priority	Medium

4.11.46 Enter product information

Identifier	FR-46
Title	Enter product information
Requirement	The seller shall be able to enter product information for product.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To detail information of the product.

Business Rule	
Dependencies	FR-48
Priority	Medium

4.11.47 Upload product image

Identifier	FR-47
Title	Upload product image
Requirement	Sellers shall be able to upload photos for the product.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To showcase product the seller shall upload product images.
Business Rule	
Dependencies	FR-48
Priority	Medium

4.11.48 Validate product Information

Identifier	FR-48
Title	Validate product Information
Requirement	System shall be able to validate the product information after user added all the information successfully.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	Product information should be verified and validate.
Business Rule	
Dependencies	
Priority	Medium

4.12 Edit seller product

4.12.49 Display Editable page

Identifier	FR-49
Title	Display Editable page
Requirement	System shall display editable page on screen when seller clicks “Edit product” Button.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To edit the product information of already added products in sellers’ shop.
Business Rule	
Dependencies	FR-50
Priority	Medium

4.12.50 Edit product information

Identifier	FR-50
Title	Edit product information
Requirement	Seller shall be able to edit product information i.e. name, price, discount, by adding updated new products.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To edit the product information of already added products in sellers' shop.
Business Rule	
Dependencies	FR-51
Priority	Medium

4.12.51 Validate product Information

Identifier	FR-51
Title	Validate product Information
Requirement	System shall be able to validate the product Information.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	Product information should be verified and validate.
Business Rule	
Dependencies	
Priority	Medium

4.13 Delete Seller Product.

4.13.52 Display List of Products

Identifier	FR-52
Title	Display list of products
Requirement	The seller shall be able to View product from her shop by clicking "View Product" button.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To view list of all the products.
Business Rule	
Dependencies	FR-53
Priority	Medium

4.13.53 Delete product

Identifier	FR-53
Title	Delete product

Requirement	The seller shall be able to delete product from her shop by clicking “Delete Product” button.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To delete product from shop.
Business Rule	
Dependencies	FR-54
Priority	Medium

4.13.54 Confirm Delete Product

Identifier	FR-54
Title	Confirm Delete Product
Requirement	System shall display confirmation dialog box to confirm delete product. Seller shall be able to delete product by clicking “Delete” button.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To delete product from shop.
Business Rule	
Dependencies	
Priority	Medium

4.14 View Seller Product

4.14.55 Display List of products

Identifier	FR-56
Title	Display list of products
Requirement	System shall display list of all the products
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To view list of all the products.
Business Rule	
Dependencies	
Priority	Medium

4.15 View Seller Product Orders

4.15.57 Display Recent and Previous Orders

Identifier	FR-57
Title	Display Recent and Previous Orders

Requirement	System shall display recent and previous orders by clicking “View orders” button.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To view new and history to previous orders.
Business Rule	
Dependencies	FR-58
Priority	Medium

4.15.58 Select order

Identifier	FR-58
Title	Display recent and previous orders
Requirement	The seller shall click on any order from order history page to view the details of the order
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To view details of any specific order.
Business Rule	
Dependencies	
Priority	Medium

4.16 Product order confirmation

4.16.59 Display list of all orders

Identifier	FR-59
Title	Display list of all orders
Requirement	The seller shall click on “view order” button to view the list of all the orders.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To view the list of all the new and old orders of the shop.
Business Rule	
Dependencies	FR-60
Priority	Medium

4.16.60 Display order details

Identifier	FR-60
Title	Display order details

Requirement	The seller shall click on any order to view the details of that specific order.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To view the details of some specific order.
Business Rule	
Dependencies	FR-61
Priority	Medium

4.16.61 Confirm Order

Identifier	FR-61
Title	Click confirm button
Requirement	The seller shall be able to confirm the bookings of the order by clicking on “confirm” button on order details page.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To view the details of some specific order.
Business Rule	
Dependencies	
Priority	Medium

4.17 Product Review Response

4.17.62 Enter Reply

Identifier	FR-62
Title	Enter Reply
Requirement	The seller shall be able to type respond to the product review by clicking “Reply” button under the Buyer’s review.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To reply some specific review of the buyer.
Business Rule	
Dependencies	FR-63
Priority	Medium

4.17.63 Submit Reply

Identifier	FR-63
Title	Submit reply

Requirement	The seller shall be able to submit respond of the product review by clicking “Submit” button under the Buyer’s review.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To submit reply of some specific product.
Business Rule	
Dependencies	
Priority	Medium

4.18 View order report

4.18.64 Display Orders Reports

Identifier	FR-64
Title	Display Orders Reports
Requirement	System shall display all the order reports i.e. number of orders, total income of orders etc. by clicking view order report button.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To view the analysis of the reports.
Business Rule	
Dependencies	FR-65
Priority	Medium

4.18.65 Filter Report

Identifier	FR-65
Title	Filter Report
Requirement	System shall sort all the reports time wise by clicking “Filter reports” button.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To sort the reports time wise.
Business Rule	
Dependencies	
Priority	Medium

4.19 View Services

4.19.66 Display add service page

Identifier	FR-66
Title	Display add service page

Requirement	The seller can view the add service page by clicking the “Add Service” button.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To add new service in sellers’ shop.
Business Rule	
Dependencies	FR-67, FR-68
Priority	Medium

4.19.67 Enter Service information

Identifier	FR-67
Title	Enter Service information
Requirement	The seller shall be able to enter Service information by filling all the input fields of page.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To detail information of the service.
Business Rule	
Dependencies	FR-69
Priority	Medium

4.19.68 Upload service image

Identifier	FR-68
Title	Upload service image
Requirement	Sellers shall be able to upload photos for the service. By clicking “add Photo” button.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To showcase services the seller shall upload service images.
Business Rule	
Dependencies	FR-69
Priority	Medium

4.19.69 Validate service Information

Identifier	FR-69
Title	Validate service Information
Requirement	Sellers shall be able to validate the service information after user added all the information successfully.

Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	Product information should be verified and validate.
Business Rule	
Dependencies	
Priority	Medium

4.20 Edit service

4.20.70 Display editable page

Identifier	FR-70
Title	Display editable page
Requirement	System shall display editable page on screen when seller clicks “Edit service” Button.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To edit the service information of already added services in sellers’ shop.
Business Rule	
Dependencies	FR-71
Priority	Medium

4.20.71 Edit service information

Identifier	FR-71
Title	Edit service information
Requirement	Seller shall be able to edit service information i.e. name, price, discount, by adding updated new services.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To edit the service information of already added services in sellers’ shop.
Business Rule	
Dependencies	FR-72, FR-73
Priority	Medium

4.20.72 Validate service Information

Identifier	FR-72
Title	Validate service Information
Requirement	System shall be able to validate the service Information.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	Service information should be verified and validate.

Business Rule	
Dependencies	
Priority	Medium

4.20.73 Save new service Information

Identifier	FR-73
Title	Save new service Information
Requirement	The seller shall be able to save the edited service information by clicking “Save” button.
Source	COMSATS computer science department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To save new edited service information.
Business Rule	
Dependencies	
Priority	Medium

4.21 Delete Service

4.21.74 Display List of Services

Identifier	FR-74
Title	Display List of Services
Requirement	Seller shall be able to view “List of Services” after pressing the “Services” link.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To show services offered by seller.
Business Rule	
Dependencies	FR-75, FR-76
Priority	High

4.21.75 Select Service

Identifier	FR-75
Title	Select Service
Requirement	Seller shall be able to select a service from “List of Services”.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, perform actions on service such as edit and delete.
Business Rule	

Dependencies	
Priority	High

4.21.76 Displays Confirmation Dialog Box

Identifier	FR-77
Title	Displays Confirmation Dialog Box
Requirement	When seller click “Delete” button, the system shall display a dialog box to confirm the delete action.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To warn user that this delete action is permanent and cannot be reverted, and make sure “Delete” button was not pressed accidentally.
Business Rule	
Dependencies	FR-78
Priority	High

4.22 View Service Reports

4.22.79 Display “Service Reports” Page

Identifier	FR-80
Title	Display “Service Reports” Page
Requirement	After seller clicks “Service Reports” button, the system shall display “Service Reports” page with time filter option.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, evaluate their performance by analyzing the reports of services offered by them.
Business Rule	
Dependencies	
Priority	High

4.23 View Service Requests

4.23.81 Display List of “Service Requests”

Identifier	FR-82
Title	Display List of “Service Requests”

Requirement	After seller clicks “Service Requests” button, the system shall display List of “Service Requests” with their status of “Accepted”, “Canceled” or “In Progress”.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, see all requests they have received or worked/working on the services they are offering
Business Rule	
Dependencies	
Priority	High

4.24 View Service Request Invoices

4.24.83 Display List of "Service Request Invoices"

Identifier	FR-84
Title	Display List of “Service Request Invoices”
Requirement	After seller clicks “Invoices” button of a “Service Request” record, the system shall display List of “Service Request Invoices” with their status of “Paid”, “Unpaid” or “Cancelled”.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, see all invoices created by them for specified service request.
Business Rule	
Dependencies	
Priority	High

4.25 Create Service Request Invoice

4.25.85 Display "Create Invoice" Page for Service request

Identifier	FR-86
Title	Display List of “Service Request Invoices”
Requirement	After seller clicks “Create Invoice” button of a “Service Request” record, the system shall display “Create Invoice” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, create invoice for specified service request.
Business Rule	
Dependencies	FR-87, FR-88, FR-89, FR-90

Priority	High
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4.25.86 Enter Invoice Information

Identifier	FR-87
Title	Enter Invoice Information
Requirement	The seller shall be able to enter invoice Information which include title and description.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, enter details of invoice to create new invoice for service request.
Business Rule	
Dependencies	
Priority	High

4.25.87 Enter “Invoice Row” Information

Identifier	FR-89
Title	Enter “Invoice Row” Information
Requirement	The seller shall be able to enter invoice row Information which include Title, Quantity and Cost.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, enter details of invoice row.
Business Rule	
Dependencies	
Priority	High

4.25.88 Submit Invoice Information

Identifier	FR-90
Title	Submit Invoice Information
Requirement	The seller shall be able to click “Submit” button.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, submit details of the invoice Information to system in order to create new invoice for service request.
Business Rule	
Dependencies	FR-91
Priority	High

4.25.89 Validate Invoice Information

Identifier	FR-91
Title	Validate Invoice Information
Requirement	After seller submit invoice Information, the system shall validate input fields submitted.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To validate input fields submitted by seller to make sure they are in right format.
Business Rule	
Dependencies	FR-92, FR-93
Priority	High

4.25.90 Display Error Message

Identifier	FR-92
Title	Display Error Message
Requirement	If validation fails, the system shall generate error messages.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.25.91 Display Success Message

Identifier	FR-93
Title	Display Success Message
Requirement	If validation succeed, the system shall display success message.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, their action is complete successfully.
Business Rule	
Dependencies	FR-94, FR-95
Priority	High

4.25.92 Create Invoice

Identifier	FR-94
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Title	Create Invoice
Requirement	If validation succeed, the system shall create invoice with details entered by seller.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To create invoice in system database.
Business Rule	
Dependencies	
Priority	High

4.25.93 Notify Buyer

Identifier	FR-95
Title	Notify Buyer
Requirement	After creation of invoice, the system shall notify buyer of invoice with email notification.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let know buyer about invoices for their service requests.
Business Rule	
Dependencies	
Priority	High

4.26 Update Shop

4.26.102 Enter Shop Information

Identifier	FR-103
Title	Enter Shop Information
Requirement	The seller shall be able to enter shop Information which include shop name and description.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, update details of their shop.
Business Rule	
Dependencies	FR-105
Priority	High

4.26.103 Validate Shop Information

Identifier	FR-105
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Title	Validate Shop Information
Requirement	After seller submit shop Information, the system shall validate input fields submitted.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To validate input fields submitted by seller to make sure they are in right format.
Business Rule	
Dependencies	FR-106
Priority	High

4.26.104 Display Error Message

Identifier	FR-106
Title	Display Error Message
Requirement	If validation fails, the system shall generate error messages.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.27 View Support Tickets

4.27.107 Display "Support Tickets" Page

Identifier	FR-108
Title	Display "Support Tickets" Page
Requirement	After user clicks "Support Tickets" button, the system shall display "Support Tickets" page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, see all support tickets created by them.
Business Rule	
Dependencies	
Priority	High

4.28 Create Support Ticket

4.28.109 Display "Create Support Ticket Page" Page

Identifier	FR-110
Title	Display “Create Support Ticket Page” Page
Requirement	After user clicks “Create Support Ticket” button, the system shall display “Create Support Ticket Page” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, create support ticket in system.
Business Rule	
Dependencies	FR-111, FR-112, FR-113, FR-114
Priority	High

4.28.110 Enter Support Ticket Information

Identifier	FR-111
Title	Enter Support Ticket
Requirement	The user shall be able to enter support ticket Information which include ticket title and message.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, enter details for support ticket to be created.
Business Rule	
Dependencies	
Priority	High

4.28.111 Upload Attachments

Identifier	FR-112
Title	Upload Attachments
Requirement	The user shall be able to attach files with support ticket.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, attach files with support ticket to give them more power to explain their issue of support ticket.
Business Rule	
Dependencies	
Priority	High

4.28.112 Validate Support Ticket Information

Identifier	FR-114
Title	Validate Support Ticket Information
Requirement	After user submit Support Ticket Information, the system shall validate input fields submitted.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To validate input fields submitted by user to make sure they are in right format.
Business Rule	
Dependencies	FR-115
Priority	High

4.28.113 Display Error Message

Identifier	FR-115
Title	Display Error Message
Requirement	If validation fails, the system shall generate error messages.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.29 Add Support Ticket Message**4.29.116 Select Support Ticket**

Identifier	FR-116
Title	Select Support Ticket
Requirement	The user shall be able to select a “Support Ticket” on “Support Tickets” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, navigate to “Support Ticket” page.
Business Rule	
Dependencies	FR-117
Priority	High

4.29.117 Display Support Ticket Page

Identifier	FR-117
Title	Display Support Ticket Page
Requirement	After user select a “Support Ticket”, the system shall display Support Ticket page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, navigate to “Support Ticket” page where user can see all their messages and responses on Support Ticket.
Business Rule	
Dependencies	FR-118, FR-119, FR-120
Priority	High

4.29.118 Enter Support Ticket Message

Identifier	FR-118
Title	Enter Support Ticket Message
Requirement	The user shall be able to enter support ticket message “Support Ticket” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, add message for support ticket.
Business Rule	
Dependencies	
Priority	High

4.29.119 Upload Attachments

Identifier	FR-119
Title	Upload Attachments
Requirement	The user shall be able to attach files with support ticket message.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, attach files with support ticket message to give them more power to explain their issue of support ticket.
Business Rule	
Dependencies	
Priority	High

4.29.120 Validate Support Ticket Message

Identifier	FR-121
Title	Validate Support Ticket Message
Requirement	After user submit Support Ticket Message, the system shall validate input fields submitted.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To validate input fields submitted by user to make sure they are in right format.
Business Rule	
Dependencies	FR-122
Priority	High

4.29.121 Display Error Message

Identifier	FR-122
Title	Display Error Message
Requirement	If validation fails, the system shall generate error messages.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.30 Close Support Ticket

4.30.123 Click “Close Ticket” Button

Identifier	FR-123
Title	Click “Close Ticket” Button
Requirement	User shall be able to click on “Close Ticket” button on “Support Ticket” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To close the support.
Business Rule	
Dependencies	FR-124
Priority	Medium

4.30.124 Displays Confirmation Popup

Identifier	FR-124
Title	Displays Confirmation Popup
Requirement	When seller click “Close Ticket” button, the system shall display a dialog box to confirm the close ticket action.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To warn user that this confirm action is permanent and cannot be reverted, and make sure “Close Ticket” button was not pressed accidentally.
Business Rule	
Dependencies	FR-125
Priority	Medium

4.31 Add to Cart Product

4.31.126 Display “Product” Page

Identifier	FR-126
Title	Display Product Page
Requirement	The system shall display “Product” page after buyer clicks on product.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, view the product and its detail.
Business Rule	
Dependencies	FR-127
Priority	High

4.34 Checkout

4.34.128 Click Cart Button

Identifier	FR-128
Title	Click “Cart” Button
Requirement	The user shall be able to click on “Cart” button in navbar.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, navigate to “Cart” page.
Business Rule	
Dependencies	FR-129
Priority	High

4.34.129 Display Cart Page

Identifier	FR-129
Title	Display Cart Page
Requirement	After user clicks on “Cart” button, the system shall display Cart page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, navigate to “Cart” page where user can see all the products added by them to purchase.
Business Rule	
Dependencies	FR-130, FR-131, FR-132, FR-135
Priority	High

4.34.130 Select Payment Method

Identifier	FR-131
Title	Select Payment Method
Requirement	The user shall be able to select a “Payment Method” on “Checkout” page which include Card, Easy Paisa and Cash on delivery.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, select the payment method they want to use for payment of their order.
Business Rule	
Dependencies	FR-132, FR-133, FR-134
Priority	High

4.34.131 Enter Card Information

Identifier	FR-132
Title	Enter Card Information
Requirement	The user shall be able to enter Card Information on “Checkout” page if they selected “Card” payment method.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, enter details of card to make payment.
Business Rule	
Dependencies	
Priority	High

4.34.132 Enter Easy Paisa Mobile Number

Identifier	FR-133
Title	Enter Easy Paisa Mobile Number
Requirement	The user shall be able to enter Easy Paisa Mobile Number on “Checkout” page if they selected “Easy Paisa” payment method.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, enter details of easy paisa to make payment.
Business Rule	
Dependencies	
Priority	High

4.34.133 Enter Easy Paisa Token

Identifier	FR-134
Title	Enter Easy Paisa Token
Requirement	The user shall be able to enter Easy Paisa Token on “Checkout” page if they selected “Easy Paisa” payment method and entered Easy Paisa Mobile Number.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, enter token generated by easy paisa to complete payment.
Business Rule	
Dependencies	
Priority	High

4.34.134 Validate Payment Information

Identifier	FR-136
Title	Validate Support Ticket Message
Requirement	After user submit payment Information, the system shall validate payment Information.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To validate input fields submitted by user to make sure they are in right format.
Business Rule	
Dependencies	FR-137
Priority	High

4.34.135 Display Error Message

Identifier	FR-137
Title	Display Error Message
Requirement	If validation fails, the system shall generate error messages.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.34.136 Process Payment

Identifier	FR-138
Title	Process Payment
Requirement	After user submit payment Information, the system shall process payment.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To process payment from payment method selected by user.
Business Rule	
Dependencies	FR-140
Priority	High

4.34.137 Process Payment Fails

Identifier	FR-139
Title	Process Payment Fails
Requirement	If payment processing fails, the system shall generate error messages.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.34.138 Send Notification to Seller

Identifier	FR-140
Title	Send Notification to Seller

Requirement	After payment processing, the system shall send notification to sellers of order creation.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To notify seller of orders on their products.
Business Rule	
Dependencies	
Priority	High

4.35 View all Products

4.35.141 Display list of Products

Identifier	FR-142
Title	Display list of Products
Requirement	The user shall be able to view all the products with their detail and shop name.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, see all the products on the system.
Business Rule	
Dependencies	
Priority	High

4.36 Ask Product Question

4.36.143 Display “Product” Page

Identifier	FR-143
Title	Display Product Page
Requirement	The system shall display “Product” page after buyer clicks on product.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, view the product and its detail.
Business Rule	
Dependencies	FR-144, FR-145
Priority	High

4.36.144 Question a Product

Identifier	FR-144
Title	Question a Product
Requirement	The buyer shall be able to put a question related to the product after clicking “Ask Question”.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, get all possible detail related to the product. So, there would be no confusion in his/her mind before buying the product.
Business Rule	
Dependencies	
Priority	High

4.36.145 Validate Question

Identifier	FR-146
Title	Validate Question
Requirement	After buyer submit a question, the system shall validate that the question shouldn't exceed 500 characters.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To validate input field submitted by buyer to make sure they are in right format.
Business Rule	
Dependencies	
Priority	Medium

4.37 View Services

4.37.147 Display list of Services

Identifier	FR-148
Title	Display list of Services.
Requirement	The user shall be able to view all the services with their detail.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, see all the services on the system.
Business Rule	
Dependencies	
Priority	High

4.38 Request Service

4.38.149 Display list of Services

Identifier	FR-149
Title	Display list of Services.
Requirement	The user shall be able to view all the services with their detail.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, see all the services on the system.
Business Rule	
Dependencies	FR-150
Priority	High

4.38.150 Select a Service

Identifier	FR-150
Title	Select a service
Requirement	The user shall be able to select a service from the list of services that system displayed.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, have a service of choice.
Business Rule	
Dependencies	FR-151
Priority	High

4.38.151 Answer Predefined Questions

Identifier	FR-151
Title	Answer predefined Questions
Requirement	The Buyer shall be able to answer questions related to the service he/she selected. The questions are predefined for the service.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, specify what and how exactly he/she needs a service.
Business Rule	
Dependencies	FR-152, FR-153
Priority	High

4.38.152 Validate Answers

Identifier	FR-153
Title	Validate Answers
Requirement	After buyer submit answers, the system shall validate all the answers.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To validate input field submitted by buyer to make sure they are in right format.
Business Rule	
Dependencies	
Priority	Medium

4.39 View Buyer Service Request**4.39.154 Display Service Request Detail**

Identifier	FR-154
Title	Display Service Request Detail.
Requirement	The user shall be able to view the service request detail along with invoices and their status.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, see all the services on the system.
Business Rule	
Dependencies	
Priority	High

4.40 Pay Service Request Invoice**4.40.155 Display Invoice Payment Page**

Identifier	FR-156
Title	Display Cart Page
Requirement	After user clicks on “Pay Invoice” button, the system shall display Invoice Payment page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, navigate to “Invoice Payment” page where user can make payment of invoice.
Business Rule	

Dependencies	FR-157, FR-151
Priority	High

4.40.156 Select Payment Method

Identifier	FR-157
Title	Select Payment Method
Requirement	The user shall be able to select a “Payment Method” on “Invoice Payment” page which include Card and Easy Paisa.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, select the payment method they want to use for payment of their order.
Business Rule	
Dependencies	FR-158, FR-159, FR-160
Priority	High

4.40.157 Enter Card Information

Identifier	FR-158
Title	Enter Card Information
Requirement	The user shall be able to enter Card Information on “Invoice Payment” page if they selected “Card” payment method.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, enter details of card to make payment.
Business Rule	
Dependencies	
Priority	High

4.40.158 Enter Easy Paisa Mobile Number

Identifier	FR-159
Title	Enter Easy Paisa Mobile Number
Requirement	The user shall be able to enter Easy Paisa Mobile Number on “Invoice Payment” page if they selected “Easy Paisa” payment method.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, enter details of easy paisa to make payment.
Business Rule	

Dependencies	
Priority	High

4.40.159 Enter Easy Paisa Token

Identifier	FR-160
Title	Enter Easy Paisa Token
Requirement	The user shall be able to enter Easy Paisa Token on “Invoice Payment” page if they selected “Easy Paisa” payment method and entered Easy Paisa Mobile Number.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, enter token generated by easy paisa to complete payment.
Business Rule	
Dependencies	
Priority	High

4.40.160 Validate Payment Information

Identifier	FR-162
Title	Validate Support Ticket Message
Requirement	After user submit payment Information, the system shall validate payment Information.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To validate input fields submitted by user to make sure they are in right format.
Business Rule	
Dependencies	FR-163
Priority	High

4.40.161 Display Error Message

Identifier	FR-163
Title	Display Error Message
Requirement	If validation fails, the system shall generate error messages.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	

Dependencies	
Priority	High

4.40.162 Process Payment

Identifier	FR-164
Title	Process Payment
Requirement	After user submit payment Information, the system shall process payment.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To process payment from payment method selected by user.
Business Rule	
Dependencies	FR-166
Priority	High

4.40.163 Process Payment Fails

Identifier	FR-165
Title	Process Payment Fails
Requirement	If payment processing fails, the system shall generate error messages.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.40.164 Send Notification to Seller

Identifier	FR-166
Title	Send Notification to Seller
Requirement	After payment processing, the system shall send notification to sellers of invoice payment.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To notify seller of payment of invoices for service requests they have received.
Business Rule	
Dependencies	
Priority	High

4.41 Upgrade to Pro Membership

4.41.167 Display Membership Payment Page

Identifier	FR-168
Title	Display Membership Payment Page
Requirement	After user clicks on “Upgrade” button, the system shall display “Membership Payment” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, navigate to “Membership Payment” page where user can see make payment for membership.
Business Rule	
Dependencies	FR-169, FR-173
Priority	High

4.41.168 Select Payment Method

Identifier	FR-169
Title	Select Payment Method
Requirement	The user shall be able to select a “Payment Method” on “Membership Payment” page which include Card, Easy Paisa and user balance.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, select the payment method they want to use for payment of their membership.
Business Rule	
Dependencies	FR-170, FR-171, FR-172
Priority	High

4.41.169 Enter Card Information

Identifier	FR-170
Title	Enter Card Information
Requirement	The user shall be able to enter Card Information on “Membership Payment” page if they selected “Card” payment method.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, enter details of card to make payment.
Business Rule	
Dependencies	

Priority	High
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4.41.170 Enter Easy Paisa Mobile Number

Identifier	FR-171
Title	Enter Easy Paisa Mobile Number
Requirement	The user shall be able to enter Easy Paisa Mobile Number on “Membership Payment” page if they selected “Easy Paisa” payment method.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, enter details of easy paisa to make payment.
Business Rule	
Dependencies	
Priority	High

4.41.171 Enter Easy Paisa Token

Identifier	FR-172
Title	Enter Easy Paisa Token
Requirement	The user shall be able to enter Easy Paisa Token on “Membership Payment” page if they selected “Easy Paisa” payment method and entered Easy Paisa Mobile Number.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, enter token generated by easy paisa to complete payment.
Business Rule	
Dependencies	
Priority	High

4.41.172 Validate Payment Information

Identifier	FR-174
Title	Validate Support Ticket Message
Requirement	After user submit payment Information, the system shall validate payment Information.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To validate input fields submitted by user to make sure they are in right format.
Business Rule	
Dependencies	FR-175

Priority	High
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4.41.173 Display Error Message

Identifier	FR-175
Title	Display Error Message
Requirement	If validation fails, the system shall generate error messages.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.41.174 Process Payment

Identifier	FR-176
Title	Process Payment
Requirement	After user submit payment Information, the system shall process payment.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To process payment from payment method selected by user.
Business Rule	
Dependencies	
Priority	High

4.41.175 Process Payment Fails

Identifier	FR-177
Title	Process Payment Fails
Requirement	If payment processing fails, the system shall generate error messages.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	

4.42 Cancel Pro Membership

4.42.178 Displays Confirmation Popup

Identifier	FR-179
Title	Displays Confirmation Popup
Requirement	When seller click “Cancel Pro Membership” button, the system shall display a dialog box to confirm the cancel action.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To warn user that this confirm action is permanent and cannot be reverted, and make sure “Cancel Pro Membership” button was not pressed accidentally.
Business Rule	
Dependencies	FR-180
Priority	Medium

4.43 View Product Questions

4.43.181 Display Product Questions

Identifier	FR-181
Title	Display Product Questions
Requirement	Seller shall be able to view the list of questions against the product after clicking “View Questions” button.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To see and can reply of the Buyer’s questions.
Business Rule	
Dependencies	
Priority	High

4.44 Answer Product Question

4.44.182 Display “Product” Page

Identifier	FR-182
Title	Display Product Page
Requirement	The system shall display “Product” page after seller clicks on product.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, view the product and its detail.
Business Rule	
Dependencies	FR-183

Priority	High
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4.44.183 Select Product Question

Identifier	FR-183
Title	Select Product Question
Requirement	The Seller shall be able to select a question for a product after clicking on the question.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To reply the Buyer's questions.
Business Rule	
Dependencies	FR-184, FR-185
Priority	High

4.44.184 Answer Question

Identifier	FR-184
Title	Answer Question
Requirement	The Seller shall be able to answer question related to the product which buyer asked after clicking on input field below the question.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, reply to buyer's questions.
Business Rule	
Dependencies	
Priority	High

4.44.185 Validate Answers

Identifier	FR-186
Title	Validate Answers
Requirement	After seller submit answers, the system shall validate all the answers.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To validate input field submitted by seller to make sure they are in right format.
Business Rule	
Dependencies	FR-187

Priority	Medium
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4.44.186 Display Error Message

Identifier	FR-187
Title	Display Error Message
Requirement	The system shall generate error message if seller exceed 500 characters in answer field.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.45 Ask Product Question

4.45.188 Display “Service” Page

Identifier	FR-188
Title	Display Product Page
Requirement	The system shall display “Service” page after buyer clicks on shop that offering the service.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, view the service and its detail.
Business Rule	
Dependencies	FR-189, FR-190
Priority	High

4.45.189 Question a Service

Identifier	FR-189
Title	Question a Service
Requirement	The buyer shall be able to put a question related to the service after clicking “Ask Question”.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)

Rationale	To let buyer, get all possible detail related to the service. So, there would be no confusion in his/her mind before buying the service.
Business Rule	
Dependencies	
Priority	High

4.45.190 Validate Question

Identifier	FR-191
Title	Validate Question
Requirement	After buyer submit a question, the system shall validate that the question shouldn't exceed 500 characters.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To validate input field submitted by buyer to make sure they are in right format.
Business Rule	
Dependencies	
Priority	Medium

4.46 View Service Questions

4.46.192 Display Service Questions

Identifier	FR-192
Title	Display Service Questions
Requirement	Seller shall be able to view the list of questions against the service after clicking "View Questions" button.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To see and can reply of the Buyer's questions.
Business Rule	
Dependencies	
Priority	High

4.47 Answer Service Question

4.47.193 Display "Service" Page

Identifier	FR-193
Title	Display Service Page

Requirement	The system shall display “Service” page after seller clicks on service.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, view the service and its detail.
Business Rule	
Dependencies	FR-194
Priority	High

4.47.194 Select Service Question

Identifier	FR-194
Title	Select Service Question
Requirement	The Seller shall be able to select a question for a Service after clicking on the question.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To reply the Buyer’s questions.
Business Rule	
Dependencies	FR-195
Priority	High

4.47.195 Answer Question

Identifier	FR-195
Title	Answer Question
Requirement	The Seller shall be able to answer question related to the Service which buyer asked after clicking on input field below the question.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, reply to buyer’s questions.
Business Rule	
Dependencies	FR-196
Priority	High

4.47.196 Validate Answers

Identifier	FR-197
Title	Validate Answers
Requirement	After seller submit answers, the system shall validate all the answers.

Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To validate input field submitted by seller to make sure they are in right format.
Business Rule	
Dependencies	FR-198
Priority	Medium

4.47.197 Display Error Message

Identifier	FR-198
Title	Display Error Message
Requirement	The system shall generate error message if seller exceed 500 characters in answer field.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.48 Search Products

4.48.199 Enter Search Query

Identifier	FR-199
Title	Enter Search Query
Requirement	The user shall be able to enter a query in order to search a product.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, find a product efficiently.
Business Rule	
Dependencies	
Priority	High

4.48.200 Click Search Button

Identifier	FR-200
Title	Click Search Button

Requirement	The system shall display a product against buyer's query after the buyer clicks on Search button.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, find a product efficiently.
Business Rule	
Dependencies	FR-200
Priority	High

4.49 Filter Products

4.49.201 Filter By Category

Identifier	FR-201
Title	Filter By Category
Requirement	The user shall be able to filter products by selecting any predefined product category.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, find a product efficiently by categories.
Business Rule	
Dependencies	
Priority	High

4.49.202 Filter By Star Rating

Identifier	FR-202
Title	Filter By Star Rating
Requirement	The user shall be able to filter products by selecting star ratings from 1-5.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, find a product by its reviews.
Business Rule	
Dependencies	
Priority	High

4.49.203 Filter By Price Range

Identifier	FR-203
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Title	Filter By Price Range
Requirement	The user shall be able to filter products by adjusting price range of the products.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, find a product efficiently by price.
Business Rule	
Dependencies	
Priority	High

4.49.204 Filter By Product Sales

Identifier	FR-204
Title	Filter By Product Sales
Requirement	The user shall be able to filter products by setting product sales high to low or low to high.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, find a product efficiently by product sales.
Business Rule	
Dependencies	
Priority	High

4.50 Review Product

4.50.205 Select Star Rating

Identifier	FR-206
Title	Select Star Rating
Requirement	The user shall be able to rate the seller's product from 1-5.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, review the seller on basis of purchased product.
Business Rule	
Dependencies	FR-207, FR-208
Priority	High

4.50.206 Enter Review Message

Identifier	FR-207
Title	Enter Review Message
Requirement	The buyer shall be able to enter a review message explaining the star rate he/she selected.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, write review on the seller on basis of purchased product.
Business Rule	
Dependencies	
Priority	High

4.50.207 Validate Review Message

Identifier	FR-209
Title	Validate Review Message
Requirement	After seller submit review message, the system shall validate the message.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To validate input field submitted by buyer to make sure they are in right format.
Business Rule	
Dependencies	FR-210
Priority	Medium

4.50.208 Display Error Message

Identifier	FR-210
Title	Display Error Message
Requirement	The system shall generate error message if buyer exceed 500 characters in review message field.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.51 View Order History

4.51.211 View Order History

Identifier	FR-211
Title	View Order History
Requirement	The buyer shall be able to view the order history by clicking View order button.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let gave product review.
Business Rule	
Dependencies	FR-212
Priority	High

4.51.212 Select Order

Identifier	FR-212
Title	Select Order
Requirement	The user Shall be able to select the order by clicking on any order.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To view order history.
Business Rule	
Dependencies	FR-213
Priority	High

4.51.213 Display Order Detail

Identifier	FR-213
Title	Display Order Detail
Requirement	The system shall display order detail after user clicks on any order.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To view order history.
Business Rule	
Dependencies	
Priority	High

4.52 View Buyer Product Order Details

4.52.214 Display buyer account

Identifier	FR-214
Title	Display buyer account
Requirement	The buyer shall be able to view the order details by clicking on “View all orders” button.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To view buyer product order details.
Business Rule	
Dependencies	FR-215
Priority	High

4.52.215 Select Order

Identifier	FR-215
Title	Select Order
Requirement	The user Shall be able to select the order by clicking on any order.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To view order history.
Business Rule	
Dependencies	FR-216
Priority	High

4.52.216 Display Order Detail

Identifier	FR-216
Title	Display Order Detail
Requirement	The system shall display order detail after user clicks on any order.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To view order history.
Business Rule	
Dependencies	
Priority	High

4.53 Add Product to Wish List

4.53.217 Add Product to Wish List

Identifier	FR-217
Title	Add Product to wish list
Requirement	The buyer shall be able to add the product to the Wishlist by clicking the “add to Wishlist” button.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To add product to the Wishlist.
Business Rule	
Dependencies	
Priority	High

4.54 View Buyer Wishlist

4.54.218 Display Wishlist Page

Identifier	FR-219
Title	Display Wish List
Requirement	After clicking “My Wish List” button, the system shall display “Wish List” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, view their Wish list items.
Business Rule	
Dependencies	
Priority	High

4.55 View Product

4.55.220 Display Products Page

Identifier	FR-221
Title	Display Products Page
Requirement	After clicking “Products” button, the system shall display “Products” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)

Rationale	To let user, view the products to allow them to manage them.
Business Rule	
Dependencies	FR-222, FR-223
Priority	High

4.55.221 Select Product

Identifier	FR-222
Title	Select Product
Requirement	The moderator shall be able to select a product on “Products” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, select a product to make them able to perform actions on it.
Business Rule	
Dependencies	
Priority	High

4.55.222 Display Product Detail Page

Identifier	FR-224
Title	Display Product Detail Page
Requirement	After clicking “Detail” button, the system shall display “Product Detail” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, view the product details.
Business Rule	
Dependencies	
Priority	High

4.56 View Seller’s Product Details

4.56.225 Select Seller

Identifier	FR-225
Title	Select Seller
Requirement	The moderator shall be able to select a product on “Products” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)

Rationale	To let user, select a seller to make them able to perform actions on it.
Business Rule	
Dependencies	FR-225
Priority	High

4.56.226 Display Seller Account

Identifier	FR-226
Title	Display Seller Account
Requirement	After selecting a Seller, the system shall display “Seller” Account page along with their products.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, view the seller account to allow them to manage them.
Business Rule	
Dependencies	FR-227
Priority	High

4.56.227 Select Product

Identifier	FR-227
Title	Select Product
Requirement	The moderator shall be able to select a product on “Seller Account” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, select a product to make them able to perform actions on it.
Business Rule	
Dependencies	FR-228
Priority	High

4.56.228 Display Product Detail Page

Identifier	FR-229
Title	Display Product Detail Page
Requirement	After clicking “Detail” button, the system shall display “Product Detail” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)

Rationale	To let user, view the product details.
Business Rule	
Dependencies	
Priority	High

4.57 View Seller's Product Order Details

4.57.230 Select Seller

Identifier	FR-230
Title	Select Seller
Requirement	The moderator shall be able to select a product on “Products” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, select a seller to make them able to perform actions on it.
Business Rule	
Dependencies	FR-231
Priority	High

4.57.231 Display Seller Account

Identifier	FR-231
Title	Display Seller Account
Requirement	After selecting a Seller, the system shall display “Seller” Account page along with their products.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, view the seller account to allow them to manage them.
Business Rule	
Dependencies	FR-232
Priority	High

4.57.232 Select Product Order

Identifier	FR-232
Title	Select Product
Requirement	The moderator shall be able to select a product order on “Seller Account” page.

Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, select a product order to make them able to perform actions on it.
Business Rule	
Dependencies	FR-233
Priority	High

4.57.233 Display Product Order Detail Page

Identifier	FR-234
Title	Display Product Order Detail Page
Requirement	After clicking “Detail” button, the system shall display “Product Order Detail” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, view the product order details.
Business Rule	
Dependencies	
Priority	High

4.58 View Seller’s Service Details

4.58.235 Select Seller

Identifier	FR-235
Title	Select Seller
Requirement	The moderator shall be able to select a product on “Products” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, select a seller to make them able to perform actions on it.
Business Rule	
Dependencies	FR-236
Priority	High

4.58.236 Display Seller Account

Identifier	FR-236
Title	Display Seller Account

Requirement	After selecting a Seller, the system shall display “Seller” Account page along with their services.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, view the seller account to allow them to manage them.
Business Rule	
Dependencies	FR-237
Priority	High

4.58.237 Select Service

Identifier	FR-237
Title	Select Service
Requirement	The moderator shall be able to select a service on “Seller Account” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, select a service to make them able to perform actions on it.
Business Rule	
Dependencies	FR-238
Priority	High

4.58.238 Display Service Detail Page

Identifier	FR-239
Title	Display Service Detail Page
Requirement	After clicking “Detail” button, the system shall display “Service Detail” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, view the service details.
Business Rule	
Dependencies	
Priority	High

4.59 Review Seller Service

4.59.240 Display List of Services

Identifier	FR-241
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Title	Display List of Services
Requirement	After clicking “Seller Services” button, the system shall display List of Services along with the service’s status.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, view the list of services of seller.
Business Rule	
Dependencies	FR-242
Priority	High

4.59.241 Select Service

Identifier	FR-242
Title	Select Service
Requirement	The moderator shall be able to select a service from list of services.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, select a service to make them able to perform actions on it.
Business Rule	
Dependencies	FR-243, FR-244
Priority	High

4.59.242 Click "Approve" Button

Identifier	FR-243
Title	Click “Approve” Button
Requirement	The moderator shall be able to click “Approve” button on selected service.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, approve the product to allow it to show on system for buyers.
Business Rule	
Dependencies	FR-245
Priority	High

4.59.243 Click "Disapprove" Button

Identifier	FR-244
Title	Click “Disapprove” Button

Requirement	The moderator shall be able to click “Disapprove” button on selected service.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, disapprove the product to disallow it to show on system for buyers.
Business Rule	
Dependencies	FR-245
Priority	High

4.59.244 Send Notification to Seller

Identifier	FR-245
Title	Send Notification to Seller
Requirement	After service review, the system shall send notification to sellers of status of service.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To notify seller of approval or disapproval of their services.
Business Rule	
Dependencies	
Priority	High

4.60 Review Seller Product

4.60.246 Display List of Products

Identifier	FR-247
Title	Display List of Products
Requirement	After clicking “Seller Products” button, the system shall display List of Products along with the product’s status.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, view the list of products of seller.
Business Rule	
Dependencies	FR-248
Priority	High

4.60.247 Select Product

Identifier	FR-248
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Title	Select Product
Requirement	The moderator shall be able to select a product from list of products.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, select a product to make them able to perform actions on it.
Business Rule	
Dependencies	FR-249, FR-250
Priority	High

4.60.248 Click "Approve" Button

Identifier	FR-249
Title	Click “Approve” Button
Requirement	The moderator shall be able to click “Approve” button on selected product.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, approve the product to allow it to show on system for buyers.
Business Rule	
Dependencies	FR-251
Priority	High

4.60.249 Click "Disapprove" Button

Identifier	FR-250
Title	Click “Disapprove” Button
Requirement	The moderator shall be able to click “Disapprove” button on selected product.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, disapprove the product to disallow it to show on system for buyers.
Business Rule	
Dependencies	FR-251
Priority	High

4.60.250 Send Notification to Seller

Identifier	FR-251
Title	Send Notification to Seller

Requirement	After product review, the system shall send notification to sellers of status of product.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To notify seller of approval or disapproval of their products.
Business Rule	
Dependencies	
Priority	High

4.61 Create Product Category

4.61.252 Display Dialog

Identifier	FR-253
Title	Display Dialog
Requirement	After clicking “Add New” button, the system shall display a dialog for creating product category.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, see the form for creating “Product Category”.
Business Rule	
Dependencies	FR-254, FR-255
Priority	High

4.61.253 Enter Category Name

Identifier	FR-254
Title	Enter Category Name
Requirement	The admin shall be able to enter category name.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, enter category name for new category.
Business Rule	
Dependencies	
Priority	High

4.61.254 Validate Category Name

Identifier	FR-256
Title	Validate Category Name

Requirement	After admin clicks “Submit” button, the system shall validate “category name”.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To validate input fields submitted by user to make sure they are in right format.
Business Rule	
Dependencies	FR-257
Priority	High

4.61.255 Display Error Message

Identifier	FR-257
Title	Display Error Message
Requirement	The system shall generate error message if input fields are invalid.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.62 View Product Categories

4.62.258 Click “Product Categories” Button

Identifier	FR-258
Title	Click “Product Categories” Button
Requirement	The admin shall be able to click on “Product Categories” button on Admin portal.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, navigate to Product Categories page.
Business Rule	
Dependencies	FR-259
Priority	High

4.62.259 Display List of Product Categories

Identifier	FR-2592
Title	Display List of Product Categories
Requirement	After clicking “Product Categories” button, the system shall display “Product Categories” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, view the product categories to allow them to manage them.
Business Rule	
Dependencies	
Priority	High

4.63 Edit Product Category

4.63.260 Select Product Category

Identifier	FR-260
Title	Select Product Category
Requirement	The admin shall be able to select a “Product Category” on “Product Categories” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, select a product category to make them able to perform actions on it.
Business Rule	
Dependencies	FR-261
Priority	High

4.63.261 Display Dialog

Identifier	FR-262
Title	Display Dialog
Requirement	After clicking “Edit” button, the system shall display a dialog for editing “Product Category”.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, see the form for editing “Product Category”.
Business Rule	
Dependencies	FR-263, FR-264
Priority	High

4.63.262 Update Category Name

Identifier	FR-263
Title	Update Category Name
Requirement	The admin shall be able to enter category name.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, enter category name for new category.
Business Rule	
Dependencies	
Priority	High

4.63.263 Validate Category Name

Identifier	FR-265
Title	Validate Category Name
Requirement	After admin clicks “Submit” button, the system shall validate “category name”.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To validate input fields submitted by user to make sure they are in right format.
Business Rule	
Dependencies	FR-266
Priority	High

4.63.264 Display Error Message

Identifier	FR-266
Title	Display Error Message
Requirement	The system shall generate error message if input fields are invalid.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.64 Delete Product Category

4.64.267 Display List of Product Categories

Identifier	FR-267
Title	Display List of Product Categories
Requirement	Admin shall be able to view “List of Product Categories” after pressing the “Product Categories” link.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To show product categories in system.
Business Rule	
Dependencies	FR-268
Priority	High

4.64.268 Select Product Category

Identifier	FR-268
Title	Select Product Category
Requirement	Admin shall be able to select a “Product Category” from “List of Product Categories”.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, perform actions on “Product Category” such as edit and delete.
Business Rule	
Dependencies	FR-269
Priority	High

4.64.269 Displays Confirmation Dialog Box

Identifier	FR-270
Title	Displays Confirmation Dialog Box
Requirement	When admin click “Delete” button, the system shall display a dialog box to confirm the delete action.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To warn user that this delete action is permanent and cannot be reverted, and make sure “Delete” button was not pressed accidentally.
Business Rule	
Dependencies	FR-271

Priority	High
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4.65 Create Service Category

4.65.272 Display Dialog

Identifier	FR-273
Title	Display Dialog
Requirement	After clicking “Add New” button, the system shall display a dialog for creating Service category.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, see the form for creating “Service Category”.
Business Rule	
Dependencies	FR-274, FR-275
Priority	High

4.65.273 Enter Category Name

Identifier	FR-274
Title	Enter Category Name
Requirement	The admin shall be able to enter category name.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, enter category name for new category.
Business Rule	
Dependencies	
Priority	High

4.65.274 Validate Category Name

Identifier	FR-276
Title	Validate Category Name
Requirement	After admin clicks “Submit” button, the system shall validate “category name”.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To validate input fields submitted by user to make sure they are in right format.
Business Rule	

Dependencies	FR-277
Priority	High

4.65.275 Display Error Message

Identifier	FR-277
Title	Display Error Message
Requirement	The system shall generate error message if input fields are invalid.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.66 View Service Categories

4.66.278 Display List of Service Categories

Identifier	FR-279
Title	Display List of Service Categories
Requirement	After clicking “Service Categories” button, the system shall display “Service Categories” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, view the Service categories to allow them to manage them.
Business Rule	
Dependencies	
Priority	High

4.67 Edit Service Category

4.67.280 Select Service Category

Identifier	FR-280
Title	Select Service Category
Requirement	The admin shall be able to select a “Service Category” on “Service Categories” page.

Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, select a Service category to make them able to perform actions on it.
Business Rule	
Dependencies	FR-281
Priority	High

4.67.281 Display Dialog

Identifier	FR-282
Title	Display Dialog
Requirement	After clicking “Edit” button, the system shall display a dialog for editing “Service Category”.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, see the form for editing “Service Category”.
Business Rule	
Dependencies	FR-283, FR-284
Priority	High

4.67.282 Update Category Name

Identifier	FR-283
Title	Update Category Name
Requirement	The admin shall be able to enter category name.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, enter category name for new category.
Business Rule	
Dependencies	
Priority	High

4.67.283 Validate Category Name

Identifier	FR-285
Title	Validate Category Name
Requirement	After admin clicks “Submit” button, the system shall validate “category name”.

Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To validate input fields submitted by user to make sure they are in right format.
Business Rule	
Dependencies	FR-286
Priority	High

4.67.284 Display Error Message

Identifier	FR-286
Title	Display Error Message
Requirement	The system shall generate error message if input fields are invalid.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.68 Delete Service Category

4.68.287 Display List of Service Categories

Identifier	FR-287
Title	Display List of Service Categories
Requirement	Admin shall be able to view “List of Service Categories” after pressing the “Service Categories” link.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To show Service categories in system.
Business Rule	
Dependencies	FR-288
Priority	High

4.68.288 Select Service Category

Identifier	FR-288
Title	Select Service Category

Requirement	Admin shall be able to select a “Service Category” from “List of Service Categories”.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, perform actions on “Service Category” such as edit and delete.
Business Rule	
Dependencies	FR-289
Priority	High

4.68.289 Displays Confirmation Dialog Box

Identifier	FR-290
Title	Displays Confirmation Dialog Box
Requirement	When admin click “Delete” button, the system shall display a dialog box to confirm the delete action.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To warn user that this delete action is permanent and cannot be reverted, and make sure “Delete” button was not pressed accidentally.
Business Rule	
Dependencies	FR-291
Priority	High

4.69 Create Product Tag

4.69.292 Display Dialog

Identifier	FR-293
Title	Display Dialog
Requirement	After clicking “Add New” button, the system shall display a dialog for creating Product Tags.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, see the form for creating “Product Tags”.
Business Rule	
Dependencies	FR-294, FR-295
Priority	High

4.69.293 Enter Tag Name

Identifier	FR-294
Title	Enter Tag Name
Requirement	The admin shall be able to enter tag name.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, enter tag name for new Tag.
Business Rule	
Dependencies	
Priority	High

4.69.294 Validate Tag Name

Identifier	FR-296
Title	Validate Tag Name
Requirement	After admin clicks “Submit” button, the system shall validate “Tag name”.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To validate input fields submitted by user to make sure they are in right format.
Business Rule	
Dependencies	FR-297
Priority	High

4.69.295 Display Error Message

Identifier	FR-297
Title	Display Error Message
Requirement	The system shall generate error message if input fields are invalid.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.70 View Product Tags

4.70.298 Display List of Product Tags

Identifier	FR-299
Title	Display List of Product Tags
Requirement	After clicking “Product Tags” button, the system shall display “Product Tags” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, view the Product Tags to allow them to manage them.
Business Rule	
Dependencies	
Priority	High

4.71 Edit Product Tag

4.71.300 Select Product Tag

Identifier	FR-300
Title	Select Product Tag
Requirement	The admin shall be able to select a “Product Tag” on “Product Tags” page.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, select a Product Tag to make them able to perform actions on it.
Business Rule	
Dependencies	FR-301
Priority	High

4.71.301 Display Dialog

Identifier	FR-302
Title	Display Dialog
Requirement	After clicking “Edit” button, the system shall display a dialog for editing “Product Tag”.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, see the form for editing “Product Tag”.
Business Rule	
Dependencies	FR-303, FR-304
Priority	High

4.71.302 Update Product Tag Name

Identifier	FR-303
Title	Update Product Tag Name
Requirement	The admin shall be able to enter Product Tag name.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, enter Product Tag name for new Product Tag.
Business Rule	
Dependencies	
Priority	High

4.71.303 Clicks "Submit" Button

Identifier	FR-304
Title	Click "Submit" Button
Requirement	The admin shall be able to click on "Submit" button after entering Product Tag Name.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, submit information for new Product Tag.
Business Rule	
Dependencies	FR-305
Priority	High

4.71.304 Validate Product Tag Name

Identifier	FR-305
Title	Validate Product Tag Name
Requirement	After admin clicks "Submit" button, the system shall validate "Product Tag Name".
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To validate input fields submitted by user to make sure they are in right format.
Business Rule	
Dependencies	FR-306
Priority	High

4.71.305 Display Error Message

Identifier	FR-306
Title	Display Error Message
Requirement	The system shall generate error message if input fields are invalid.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, know about his/her invalid input so that it could be re-entered correctly.
Business Rule	
Dependencies	
Priority	High

4.72 Delete Product Tag

4.72.307 Display List of Product Tags

Identifier	FR-307
Title	Display List of Product Tags
Requirement	Admin shall be able to view “List of Product Tags” after pressing the “Product Tags” link.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To show Product Tags in system.
Business Rule	
Dependencies	FR-308
Priority	High

4.72.308 Select Product Tag

Identifier	FR-308
Title	Select Product Tag
Requirement	Admin shall be able to select a “Service Category” from “List of Product Tags”.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let seller, perform actions on “Product Tag” such as edit and delete.
Business Rule	
Dependencies	FR-309
Priority	High

4.72.309 Click “Delete” Button

Identifier	FR-309
Title	Click “Delete” Button
Requirement	Admin shall be able to click on “delete” button of selected “Product Tag” from “List of Product Tags”.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let user, remove the Product Tags from the system.
Business Rule	
Dependencies	FR-310
Priority	High

4.72.310 Displays Confirmation Dialog Box

Identifier	FR-310
Title	Displays Confirmation Dialog Box
Requirement	When admin click “Delete” button, the system shall display a dialog box to confirm the delete action.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To warn user that this delete action is permanent and cannot be reverted, and make sure “Delete” button was not pressed accidentally.
Business Rule	
Dependencies	FR-311
Priority	High

4.73 Ban Buyer

4.73.312 Select Buyer

Identifier	FR-312
Title	Select Buyer
Requirement	The moderator shall be able to select the buyer account from the system.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let moderator, specify which buyer to ban.
Business Rule	
Dependencies	FR-313
Priority	High

4.73.313 Display Buyer Profile

Identifier	FR-313
Title	Display Buyer Profile
Requirement	The system shall display the buyer account after clicking Buyer's profile.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let moderator, specify which buyer to ban.
Business Rule	
Dependencies	FR-314
Priority	High

4.73.314 Displays Confirmation Dialog Box

Identifier	FR-315
Title	Displays Confirmation Dialog Box
Requirement	When moderator clicks "Ban" button, the system shall display a dialog box to confirm the Ban action.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To warn user that this Ban action is permanent and cannot be reverted, and make sure "Ban" button was not pressed accidentally.
Business Rule	
Dependencies	FR-316
Priority	High

4.74 Ban Seller**4.74.317 Select Seller**

Identifier	FR-317
Title	Select Seller
Requirement	The moderator shall be able to select the seller account from the system.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let moderator, specify which seller to ban.
Business Rule	
Dependencies	FR-318
Priority	High

4.74.318 Display Seller Profile

Identifier	FR-318
Title	Display Seller Profile
Requirement	The system shall display the seller account after clicking Seller's profile.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let moderator, specify which seller to ban.
Business Rule	
Dependencies	FR-319
Priority	High

4.74.319 Displays Confirmation Dialog Box

Identifier	FR-320
Title	Displays Confirmation Dialog Box
Requirement	When moderator clicks "Ban" button, the system shall display a dialog box to confirm the Ban action.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To warn user that this Ban action is permanent and cannot be reverted, and make sure "Ban" button was not pressed accidentally.
Business Rule	
Dependencies	FR-321
Priority	High

4.74.320 Click "Confirm" Button

Identifier	FR-321
Title	Click "Confirm" Button
Requirement	The moderator shall be able to click "confirm" button to verify Ban action.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let moderator, confirm the "Ban" action.
Business Rule	
Dependencies	
Priority	High

4.75 Follow Shop

4.75.322 Display Shop Page

Identifier	FR-322
Title	Display Shop Page
Requirement	The system shall display shop page after buyer clicks on a specific shop.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, view the seller's shop page.
Business Rule	
Dependencies	FR-323
Priority	High

4.75.323 Click Follow Button

Identifier	FR-323
Title	Click Follow Button
Requirement	The Buyer shall be able to follow seller's shop after clicking the "Follow" button against the shop.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, notifies about the followed shop.
Business Rule	
Dependencies	
Priority	High

4.76 Unfollow Shop

4.76.324 Display Shop Page

Identifier	FR-324
Title	Display Shop Page
Requirement	The system shall display shop page after buyer clicks on a specific shop.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, view the seller's shop page.
Business Rule	
Dependencies	FR-325

Priority	High
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4.76.325 Click Unfollow Button

Identifier	FR-325
Title	Click Unfollow Button
Requirement	The Buyer shall be able to Unfollow seller's shop after clicking the "Unfollow" button against the shop.
Source	COMSATS Computer Science Department (Client) Mr. M Rashid Mukhtar (Supervisor)
Rationale	To let buyer, stop getting notifications about the followed shop.
Business Rule	
Dependencies	
Priority	High

5. Non-Functional Requirements

5.1 Usability

USA-1	The admin, moderator and seller shall be able to learn all the functionalities of their portal within 3 hours of continuous use.
USA-2	The buyer shall be able to learn all the functionalities of main site within 1 hour of continuous use.
USA-3	User shall be familiar with all metaphors used in the system.
USA-4	User shall be able to understand the errors they made with help of informative error messages generated by the system.

5.2 Availability

AVA-1	The system shall maintain 99.671% uptime yearly.
AVA-2	The system down time shall not exceed 28.8 hours yearly.

5.3 Performance

PER-1	The system shall be able to handle up to 100 concurrent users.
PER-2	90% of webpages generated by the System shall download completely within 4 seconds from the time the user requests the page over a 10 Mbps or faster Internet connection.
PER-3	The database system shall be able to provide capacity of 1 GB in size or 20 million rows for each individual table.
PER-4	The system response time shall not exceed 1 second.

5.4 Security

SEC-1	The system shall lock a user's account after four consecutives unsuccessful login attempts within a period of five minutes.
SEC-2	Only users who have Admin access privileges shall be able to view seller and buyer's transaction histories in Admin portal.

6. References

There are no sources in the current document.