Manual Testing Project

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Introduction to My Account

* Domain name: "MYNTRA" application Functional testing
* Module name:My Account of "MYNTRA"
* Test scenario: 1) "Profile"
* 2) "Address Book"

Phases for My Account

* **Requirement phase for My Account were as follows.**
* **Address Book:** Focus on making it easy for users to add, edit, and manage their contacts.
* **Profile:** Ensure users can easily set up and update their personal details and preferences.

Design Phase

* The design phase for the Address Book and Profile functionalities involves conceptualizing, planning, and detailing the architecture, user interface, functionalities, and specifications for these components within the software system.

* Phases for My Account

► **3)Development Phase for Shopping page:**

► The development phase for the Address Book and Profile functionalities involves implementing, coding, integrating, and testing the designed features, components, and specifications into functional software modules.

Phases for My Account

- **4)Testing Phase for My Account:**

- In this phase the testing is done by Tester on the Built that was output of Development phase which acts as an input for Testing Phase.

- In this phase all the components of Software are tested it consists of the **STLC** life cycle

- **STLC** life cycle means Software life cycle

- It consist of following stages

- i) Requirement & Analysis
- ii) Test Plan
- iii) Test case Development

- iv) Test environmental setup
- v) Test Execution
- vi) Test Closure

STLC life cycle

▶ **I) Requirements & Analysis:**

▶   Understand and analyze the business requirements, user stories, or specifications related to the Address Book and Profile functionalities.

Identify the features, functionalities, and user interactions expected in both sections.

STLC life cycle

▶ **II) Test Plan:**

▶ In this phase the roles where estimated to each and every person regarding testing as

Members	Roles
Test Manager	i) Monitors and contacts team lead. ii) Test strategies iii) Level of testing iv) Approval of test plan.
Test Lead	i) Test plan creation ii) Work distribution iii) Technically leads team
Test Engineer	i) Create test scenarios ii) Design, creation of test cases iii) Defect report iv) Tracking defect till closure
Automotive Architecture	i) Plans for test automation
Automation Engineer	i) Script and creation for automation ii) Maintaining scripts for changes

STLC life cycle

▶ **III) Test cases Development:**

In this stage we clarify Test Overview for my account of Myntra.

Test data was created for My Account of myntra application
Module of My Account functionality contained test scenarios as follows: -

1) Test scenario on "Profile".

2) Test scenario on "Address book"

▶ We applied several Test Designing techniques while creating Test Cases

▶ * Equivalence Class Partition * Boundary Value Analysis

▶ * Decision Table Testing * State Transition Testing

STLC life cycle

▶ **IV) Test Environmental setup:**

▶ Environment was setup for My Account module. The My Account module was test on:

▶ **Windows - Chrome, Edge, Firefox

▶ **Mac Os- Safari Browser

▶ **Android mobile Os- Chrome, Google

▶ ** iPhone mobile Os – Safari

▶ ** Nokia mobile Os- Windows

▶ For debugging tools used were Jira, cucumber Also tools like Excel, word file were used.

STLC life cycle

- **V) Test Execution:**
- Testcases were executed according to Testscenarios:
- 1) Test scenarios for "Address book"

TEST CASE ID	TEST CASE OBJECTIVES	PRE-REQUISITE	STEP DATA	EXPECTED RESULT	ACTUAL RESULT	STATUS
TC_001	Add a New Address.	User is on the Myntra	Navigate to the "Address Book" or "Saved Addresses" section. Click on the "Add New Address" button. Enter all the required details such as full name, phone number, pin code, address line, city, state, etc. Save the address.	The new address should be added successfully and should appear in the Address Book list.	The new address added successfully and should appear in the Address Book list.	PASS
TC_002	Edit an Existing Address.	User has addresses saved in the Address Book.	Navigate to the "Address Book" section. Click on the "Edit" or "Modify" option next to an existing address. Update the required details. Save the changes.	The selected address should be updated with the new details, and the changes should reflect immediately.	The selected address updated with the new details, and the changes should reflect immediately.	PASS
TC_003	Delete an Address.	User has addresses saved in the Address Book.	Navigate to the "Address Book" section. Click on the "Delete" or "Remove" option next to an address.	The selected address should be deleted from the Address Book, and it should no longer appear in the list..	The selected address deleted from the Address Book, and it should no longer appear in the list.	PASS
TC_004	Set Default Address.	User has multiple addresses saved in the Address Book.	Navigate to the "Address Book" section. Click on the "Set as Default" option next to an address.	The selected address should be set as the default shipping or billing address, and it should be highlighted or marked as default in the Address Book list.	The selected address set as the default shipping or billing address, and it should be highlighted or marked as default in the Address Book list.	PASS

STLC Life cycle

- **Test Execution:**

- Test cases were executed according to Test scenarios:

- 1) Test scenarios for "Profile"

TEST CASE ID	TEST CASE OBJECTIVES	PRE-REQUISITE	STEP DATA	EXPECTED RESULT	ACTUAL RESULT	STATUS
TC_P_001	View Profile Information.	User is logged into the Myntra app.	Navigate to the "My Account" section. Click on the "Profile" or "Profile Information" option.	User's profile details such as name, email, contact number, etc., should be displayed correctly.	User's profile details such as name, email, contact number, etc., displayed correctly.	PASS
TC_P_002	Update Profile Name.	User is logged into the Myntra app.	Navigate to the "Profile" section. Edit the name field. Save the changes.	The profile name should be updated successfully, and the changes should reflect immediately.	The profile name updated successfully, and the changes should reflect immediately.	PASS
TC_P_003	Change Email Address.	User is logged into the Myntra app.	Navigate to the "Profile" section. Edit the email address. Save the changes.	The email address should be updated successfully, and the user should receive a verification email if required.	The email address updated successfully, and the user should receive a verification email if required.	PASS
TC_P_004	Update Contact Number.	User is logged into the Myntra app.	Navigate to the "Profile" section. Edit the contact number. Save the changes.	The contact number should be updated successfully, and validation should ensure that only valid phone numbers are accepted.	The contact number updated successfully, and validation should ensure that only valid phone numbers are accepted.	PASS

STLC life cycle

► **VI) Test closure:**

Sr.no	Test Scenario	Total test cases	Test cases executed	Test case pending
1	Test scenario for "Address Book"	04	04	0
2	Test scenario for "Profile"	04	04	0

STLC life cycle

▶   **Test Summary report:**

▶   We have executed all the testing on My Account module, to get better coverage we also
    conducted

▶   Exploratory Testing – Using our expertise we performed Exploratory Testing, apart from
    the normal execution of the Test cases.

▶   End to End Flow Testing – We will test the end-to-end scenario which involve
    multiple functionalities to simulate the end user flows.

▶   Shopping page went through Basic levels of testing such as:

1)   Unit Level Testing

2)   Integration Testing

3)   System Level Testing

4)   User Acceptance Testing

STLC lifecycle

► **Unit Testing**

► We have tested each module of the My Account individually.

► Test methods for creating and updating user details like name, email, contact, etc.

STLC lifecycle

* ►   Integration testing:

* ►   In integration testing a system consisting of different modules is tested for problems

*   arising from component interaction

* ►   Firstly, a minimum configuration must be integrated and tested.

* ►   So, we tested each and every functionality of My Account module so that each of

* Them are interfaced with each other such as

*   ➡   "profile "   ➡   "Address"

STLC life cycle

- **System testing**
- **Functional Testing**:
  Validate end-to-end functionalities, such as adding, updating, deleting addresses, and managing profile details.

Performance Testing:
Evaluate responsiveness, scalability, and reliability of Address Book and Profile operations under load or stress conditions.

Security Testing:
Identify vulnerabilities, unauthorized access points, and compliance risks within user profile data and address book entries.

Usability Testing:
Assess the user interface, navigation, accessibility, and overall user experience of the Address Book and Profile functionalities

STLC Life cycle

► **User Acceptance Testing**
►Collaborate with real users or stakeholders to conduct UAT for the Address Book and Profile sections.
Gather feedback, validate user expectations, usability, accessibility, and overall satisfaction.
Ensure that the Address Book and Profile functionalities meet business objectives, user needs, and quality standards.

Phase for My Account

- **Deployment:**
-      Once the project team conducts comprehensive testing and the application successfully clears all testing stages, it becomes prepared for live implementation.

Phase for MY Account module

► **Maintenance Phase:**

► This phase involves tasks such as updating the software, making necessary repairs, and addressing any issues that arise. ► Often, software requires updates or adjustments to align with new systems or technologies implemented by the customer.

THANK YOU