Test Plan Document

Urban Ladder Web Application Automation

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1.**INTRODUCTION**

This test plan outlines the scope, approach, resource and schedule of all testing activities. It identifies the terms and features to be tested.

Types of testing, resource and tools requirement and an approach to Urban Ladder web application project management.

**2.Scope**

Scope describes testing strategies, what is being tested and what scenarios are not covered in this Urban ladder web application.

**2.1 In Scope**

|  |  |  |
| --- | --- | --- |
| Module name | role | Description |
| Login | Customer | 1. Customer login unsuccessful with invalid data  2. customer login unsuccessful with empty mandatory fields |
| checkout | customer | 1. customer search a product ,check details of product and add product to cart and then checkout by entering details. |
| Product details | customer | 1. Customer search a product and checks the product is exist or not. |
| Shipping and delivery | customer | 1. Customer go to shipping and deliver and checks the response from users about products |
| Help center | customer | 1. Customer go to help center and search for cancellation and returns |
| Stores | customer | 1. Customer go to stores and view the details and check for location of stores |
| Job application | customer | 1. Customer go to carriers and apply checks for job posting. |
| Subscription | customer | 1. Customer search for product and subscribe by entering details. |
| Gift Delivery | customer | 1. Customer choose a gift and fills the details of customer and receiver and send to receiver. |

* 1. Out of Scope

Following features are not covered:

1. Website security protection

2.Integration and marketing automation

3.browser extensions, ad-blockers, or virus scanners

4.User interface

3.OBJECTIVE

The objective of project is to check the functionality of urbanladder web application and find out the bugs to report if any for normal working of bug free web application in real time environment.

* 1. Roles and Responsibilities

|  |  |
| --- | --- |
| Test manager | Takes responsibility of project and defines the scope of work to all team.  Define proper direction with resource. |
| SDET | Execute the tests, generate result logs and reports the bugs or defects if any. |
| Developer | Build the tests programs, test cases, test suits for every functionality. |
| SQA | Verifies testing process is meeting all the requirnments and specification |
| Test analyst | Define specific tests,design test cases.  Determine what to test,prioritize the task and develop test documentation. |

2.Test Methodology

2.1 Test levels

This project specifies following types of test:

* Integration testing
* System testing
* Acceptance testing
* End to end testing
* Regression testing
* Unit testing
* Api testing

2.2 Suspension criteria

When the defect is detected which may restrict the testing process and testing activities resumes until defect is completely solved by developer.

* 1. Test Completeness
* 100% test coverage
* All Manual & Automated Test cases executed
* All open bugs are fixed or will be fixed in next release

1. Test Deliverables

This test artifacts deliverable during different phases

Before testing

* Test Plan documentation
* Test design documentation
* Test Cases documentation

During Testing

* + - Test Automation script

Simulators

* + - Automation feasibility study
    - Test Strategy
    - Requirement Traceability Matrix

After Testing

* + - Test automation result
    - Bug Reports
    - Release notes
    - Customer Sign Off

1. Resource and Environments Needs

4.1 Testing Tools

|  |  |  |
| --- | --- | --- |
| Sr.no | Resource | Description |
| 1. | Testing tools | The testing tools which automate the test Jira, Excel, Soapui, cucumber, selenium, maven, testing,etc |
| 2. | Network | Single internet cable with the speed of 4mbps |
| 3. | Computer | One system with windows os and storage of 5 gb RAM |

* 1. Test Environment

A windows environment with Google Chrome 100.0 and later should available to each tester.