

TEST PLAN

Live Autos

Date	Version	Changelog
April 2025	1.0	The document has been created

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Overview

This document serves as high level test planning document with details on the scope of the project, test strategy, test schedule and resource requirements, test deliverables and schedule.

Scope

The scope of the project includes testing the following features of [Live Autos](#) web application.

Inclusions

- Register
- Login & Logout
- Forgot Password
- Search
- Add a listing
- Product Display Page
- Wish List
- Currencies
- Home Page
- My Account Page
- Order History Page
- Footer Options

Test Environments

- Windows 10 – Chrome, Edge
- Android Mobile OS – Chrome
- iPhone Mobile OS – Safari

Exclusions

All the features except that are mentioned under 'Inclusions'

Test Strategy

I need to perform Functional Testing of all the functionalities mentioned in the above Scope section.

As part of Functional Testing, I will follow the below approach for Testing:

Step#1 – Creation of Test Scenarios and Test Cases for the different features in scope.

- I will apply several Test Designing techniques while creating Test Cases
 - Equivalence Class Partition
 - Boundary Value Analysis
 - Decision Table Testing
 - State Transition Testing
 - Use Case Testing
- I also use our expertise in creating Test Cases by applying the below:
 - Error Guessing
 - Exploratory Testing
- I prioritize the Test Cases

Step#2 – Our Testing process, when we get an Application for Testing:

- Firstly, I will perform Smoke Testing to check whether the different and important functionalities of the application are working.
- I reject the build, if the Smoke Testing fails and will wait for the stable build before performing in depth testing of the application functionalities.
- Once I receive a stable build, which passes Smoke Testing, we perform in depth testing using the Test Cases created.
- Multiple Test Resources will be testing the same Application on Multiple Supported Environments simultaneously.
- I then report the bugs in bug tracking tool and send dev. management the defect found on that day in a status end of the day email.
- As part of the Testing, we will perform the below types of Testing:
 - Smoke Testing and Sanity Testing
 - Regression Testing and Retesting
 - Usability Testing, Functionality & UI Testing
- I repeat Test Cycles until we get the quality product.

Step#3 – We will follow the below best practices to make our Testing better:

- Context Driven Testing – We will be performing Testing as per the context of the given application.

- Exploratory Testing – Using our expertise we will perform 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.

Defect Reporting Procedure:

During the test execution –

- Any deviation from expected behavior by the application will be noted. If it can't be reported as a defect, it'd be reported as an observation/issue or posed as a question.
- Any usability issues will also be reported.
- After discovery of a defect, it will be retested to verify reproducibility of the defect. Screenshots with steps to reproduce are documented.
- Every day, at the end of the test execution, defects encountered will be sent along with the observations.

Note:

- Defects will be documented in a excel.
- Test scenarios and Test cases will be documented in an excel document.

Roles/Responsibilities

Name: Siddhant Satkar

Role: Software Engineer – QA

Responsibilities:

- Escalations
- Create the Test Plan and get the client signoffs
- Interact with the application, create and execute the test cases
- Coordinate the test execution. Verify validity of the defects being reported.
- Submit daily issue updates and summary defect reports to the client.
- Attend any meeting with client.
- Interact with the application
- Create and Execute the Test cases.
- Report defects

Test Schedule

Following is the test schedule planned for the project –

Task	Time Duration
<ul style="list-style-type: none">• Creating Test Plan	02.04.2025 – 02.04.2025
<ul style="list-style-type: none">• Test Case Creation	02.04.2025 – 04.04.2025
<ul style="list-style-type: none">• Test Case Execution	05.04.2025 – 06.04.2025
<ul style="list-style-type: none">• Summary Reports Submission	06.04.2025

Test Deliverables

The following are to be delivered to the client:

Deliverables	Description	Target Completion Date
Summary Reports	Details on the scope of the Project, test strategy, test schedule, resource requirements, test deliverables and schedule	06.04.2025

Risks and Mitigations

The following are the list of risks possible and the ways to mitigate them:

Risk: Non-Availability of a Resource

Mitigation: Backup Resource Planning

Risk: Build URL is not working

Mitigation: Resources will work on other tasks

Risk: Less time for Testing

Mitigation: Ramp up the resources based on the Client needs dynamically