**Test Strategy –Identify New Bikes**

**ZigWheels**

**Identify New Bikes**

**Test Strategy**

**Author:** Spin Syndicate

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**Test Strategy – Web Development Courses**

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**Test Strategy – Web Development Courses**

**1.0 Introduction**

**1.1 Purpose**

The Test Strategy document outlines the types and levels of testing to be performed, as well as the methodology that will be followed during different testing phases. It describes how the testing process will ensure that all key features—both new and existing—of the system are validated at the appropriate level.

Additionally, this document sets the boundaries for testing activities, helping in the creation of test conditions, test cases, automation efforts, and time estimates.

It also acts as a means of communication to help identify and address testing-related issues as early as possible within the project lifecycle.

**1.2 Target Audience**

Business Unit(BU) SME

Academy Coach

Technical Trainer

**2.0 System Description**

**ZigWheels** is a widely used automotive information platform that was launched to help vehicle buyers across India make smarter decisions. It offers extensive insights into new and upcoming vehicles—including bikes, scooters, cars, and electric vehicles—along with comparisons, expert reviews, and news updates.

ZigWheels collaborates with leading automobile manufacturers and dealers to provide detailed content on a wide range of topics, such as vehicle pricing, specifications, launch timelines, financing options, user reviews, and maintenance advice. Whether you're looking for a Honda bike under ₹4 lakh, browsing used car options in cities like Chennai, or keeping up with the latest auto trends, ZigWheels serves as a comprehensive destination for automotive enthusiasts and prospective buyers.

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**3.0 Test Deliverables**

|  |  |
| --- | --- |
| Project Phase | Deliverables |
| Test Planning | **·** Test Strategy Document |
| Test Analysis & Design | **·** Test Conditions  **·** Test Cases  **·** Test Data  **·** Test Environment  **·** Automated Test Scripts |
| Test Execution | **·** Test Logs |
| Test Completion | **·** Test Summary Report |

**4.0 Test Types**

The following are the types of Testing used in the Web Development courses

1. Functional Testing
2. Manual Testing
3. Automation Testing
4. Smoke Testing

**5.0 Multi browser Testing**

Based on the requirements for the application the testing is done on two browsers to ensure the working of the application in multiple browsers. The two browsers used for testing are Chrome and Edge.

**6.0 Test Data**

Test data for the application is provided from excel file. The test data are stored in the excel file and provided during run time. Data driven library creation is done using Apache POI and property file is used to keep the URL, Browser, Username and Password.

**7.0 Resources Required**

**7.1 Hardware**

* PC

**7.2 Software**

* Windows 7 and above
* Chrome 60 and above
* MS Excel
* Selenium Web drivers
* Selenium Grid
* BDD Cucumber
* Jenkins
* Apache POI
* TestNG