

Think Future Technologies

(<http://www.tftus.com>)

Software Test Plan

Prepared By: Madhvi Soni

Reviewed By: Abhishek Bansal

Approved By: Abhishek Bansal

Version	Date	Changed By	Change Description
1.0	June 1, 2016	Madhvi Soni	Baselined



Table of Contents

<i>Table of Contents</i>	<i>2</i>
<i>1 Introduction</i>	<i>4</i>
1.1 Project Description	4
1.2 Pre Requisite/Assumptions	4
1.3 Scope Of Testing	4
1.3.1 Features to Be Tested	5
1.3.2 Features Not to Be Tested	8
<i>2 Document References</i>	<i>9</i>
<i>3 Testing Environment</i>	<i>9</i>
3.1 Hardware Environment	9
3.2 Software Environment	9
3.3 Network	9
<i>4 Test Deliverables</i>	<i>9</i>
<i>5 Entry and Exit Criteria</i>	<i>11</i>
5.1 Entry Criteria	11
5.2 Exit Criteria	11
<i>6 Testing Tools</i>	<i>11</i>
<i>7 Stakeholders</i>	<i>11</i>
<i>8 Testing Team</i>	<i>12</i>
<i>9 Roles and Responsibilities</i>	<i>12</i>
<i>10 Test Execution Strategy</i>	<i>12</i>
<i>11 Test Schedule</i>	<i>13</i>
<i>12 Test Monitoring and Reporting</i>	<i>13</i>
12.1 Monitoring	13
12.2 Reporting	14
<i>13 Issue and Dependency</i>	<i>14</i>
<i>14 Risk</i>	<i>14</i>
<i>15 Plan Contingencies</i>	<i>15</i>

Introduction

Project Description

AUT(Application under test) is a Web based solution that provides a listing platform for dealers, service centers and agents who are authorized by their respective companies. The data is verified manually for authenticity and only then entered into the AUT database. For Consumers, it provides an advanced search engine as well as a strong SEO to enable them to find verified and authorized dealers for any product or company. For Businesses, it provides a mechanism to receive queries and reply instantaneously to the prospective customers.

Pre Requisite/Assumptions

- Production like data required will be available in the system prior to start of Functional Testing
- Exploratory Testing would be carried out once the build is ready for testing
- The system will be treated as a black box; if the information shows correctly online and in the Admin portal, it will be assumed that the database is working properly.
- During Functional testing, testing team will use pre-loaded data which is available on the system at the time of execution

Scope Of Testing

Testing will began at component level and work toward the integration of the entire system. This document mainly provides the approaches to be used for testing of AUT(Application under test) .It will validate major system functions of AUT(Application under test) against the user requirement. All features and modules in the system will be tested from end to end.

Functional testing will be performed to check the functionality of system. The functional testing will be carried out by feeding the input and validating the output.

Integration and System testing will be performed to test integration between the various modules of system and will test whole system from end to end

Regression testing will be done in-order to ensure that previously developed and tested functionality performs correctly after enhancement Re-testing will be done to verify bug fixes.

Acceptance testing will focuses on validating the business logic. It allows the end users to complete one final review of the system prior to deployment.

Features to Be Tested

This section identifies at a high level all features and functionality or all user and usage functionality that will be tested.

List of features that will be tested are mentioned below:

Sno.	Name of feature	Description
1	Registration of user	User will register on AUT(Application under test) website
2	User Log-in	User will be able to Login on the website
3	View and Update Profile	Allows a user to access/update/view information stored in the database
4	Change Password	Allows a user to change password
5	Forgot Password	Allows a user to get the new password
6	View Order List	Allows a user to see the list of order history
7	Sending Query to Dealer	Allows a user to send query to dealer
8	Update Address,Contact Information	Allows a user to update address and contact information.
9	Maintaining Products and Product Models	Allow logged in dealer to add/view products and their models

10	Plans	Allow logged in dealer to purchase plans for a specific category
11	View direct and indirect Enquiry list	Allow logged in dealer to view the list of direct/indirect enquiry
12	Upload AUT(Application under test) Certificate	Allow logged in dealer to upload authorization certificates
13	Admin Login	Allow admin to login in the application using admin credentials
14	Verify and approve dealers	Allow admin to verify the new dealer registration and approve them.
15	Add/Edit/Delete Product	Allow admin to add/edit/delete products added by dealer
16	Add New Dealer By Admin	Allow admin to add new dealer
17	In-Activate Dealer	Allow admin to in active the dealer
18	Pending Approvals	Allow admin to approve the product, company, city, state entered by the dealer

19	View Visitor List	Allow admin to the see the list of visitor added
20	Paid Dealer Enquiry	Allow admin to view list of paid dealer enquiries
21	Offer New Dealership Enquiry	Allow admin to view list of offer new dealership inquiries
22	Let Us Know Your Need	Allow admin to view list of let us know your need enquiries
23	Subscription Plan Screen	Allow admin to add/remove subscription plan
24	All Enquiry Screen	Allow admin to view all the enquiries irrespective of dealer and enquiry type
25	Contact Us Query	Allow admin to view the list of contact us query
26	Home Page Query	Allow admin to view the list of home page query
27	Master Data Screen	Allow admin to add/edit category, product, company,product models, city,state and country

28	Mappings	Allow admin to wrong product,company,category and city to correct product,company,category and city respectively.
29	View Mapping	Allow admin to view the mappings between product,company and category
30	Mapping History	Allow admin to see when and what mapping has done
31	Category Product Mapping	Allow admin to map the products under specific category
32	Company Product Mapping	Allow admin to map the products under specific company
33	Family Of Words	Allow admin to add synonyms of the product to make search easier
34	Home Page Search	Allow user to search dealers based on city and product
35	Search On Listing Page	Allow user to search dealers of any product ,brand and city without going to home page i.e filters on search result page

36	Map Search Page	Allow user to search dealers in the google map
37	Featured Companies and products	Show the list of featured companies and product on home page
38	New Dealership And Franchise Offers	Show the list of Companies which offers dealership

Features Not to Be Tested

All modules will be tested. To ensure previously existing functionality was not adversely impacted, regression testing will be performed to all previous releases.

Document References

Reference Document Name	Path
Project Plan	\\192.168.1.16\Projects\AUT(Application under test)\Project Management\Project Planning
Detailed Design Document	\\192.168.1.16\Projects\AUT(Application under test)\Requirements Management
Software Requirement Study	\\192.168.1.16\Projects\AUT(Application under test)\Requirements Management\SRS
Change Request	\\192.168.1.16\Projects\AUT(Application under test)\Configuration Management

Testing Environment

Hardware Environment

Desktop

Configuration : Processors Intel(R) Core(TM) i3CPU

4 GB RAM

Software Environment

Operating Systems:

Windows 8.1 pro

Browsers:

IE11

Mozilla Firefox 3.0 or higher

Google Chrome

Network

Wifi, Network access

Test Deliverables

Test cases are created that will cover all the functionality for the AUT(Application under test)

Bugs reported at the staging environment and acceptance testing will be maintained in Google docs sheets.

Test Deliverable s are:

Test Case

Test Plan

Bugs Report

Bugs Analysis Report

Test Case sheet Name	Path
AD01_TestCase01_Visitor_Join_Free	\\192.168.1.16\Projects\AUT(Application under test)\AD_All_test_Cases
AD01_TestCase02_Dealer_Join_Free	\\192.168.1.16\Projects\AUT(Application under test)\AD_All_test_Cases
AD01_TestCase03_Login	\\192.168.1.16\Projects\AUT(Application under test)\AD_All_test_Cases
AD01_TestCase04_Admin	\\192.168.1.16\Projects\AUT(Application under test)\AD_All_test_Cases
AD01_TestCase05_Dealer_Profile	\\192.168.1.16\Projects\AUT(Application under test)\AD_All_test_Cases
AD01_TestCase06_Visitor_Profile	\\192.168.1.16\Projects\AUT(Application under test)\AD_All_test_Cases
AD01_TestCase07_SMS_Test_Cases	\\192.168.1.16\Projects\AUT(Application under test)\AD_All_test_Cases
Bugs Sheet	Path
AD01_Bugs_At_Stagging	https://docs.google.com/spreadsheets/d/1eB

	a8TDBAbP2361VRpskiz5H_yB5aMPTZNnhluTGQ7QQ/edit#gid=0
AD01_UAT_Bugs	https://docs.google.com/spreadsheets/d/1Eg1NdAT_cQN6lCouTOdivV71_prFNZm4tp4Cg8hjTbs/edit#gid=0
Bug Analysis Report	
AD01_TFT_Bug Analysis_Stagging	\\192.168.1.16\Projects\AUT(Application under test)\Inspection and review
AD01_TFT_Bug Analysis_UAT	\\192.168.1.16\Projects\AUT(Application under test)\Inspection and review

Entry and Exit Criteria

Entry Criteria

Reviewed requirement document.
 Complete understanding of the flow by Testing Team.
 Design and coding completed.Code Committed.
 Environment should be set
 Test data should be available
 Availability of website
 Test plans and test cases are reviewed and signed off
 Code review defect has fixed
 Database modifications are complete and tables are populated with initial data

Exit Criteria

The requirement should be completely covered.
 Success full execution of Test cases
 Bug report is prepared and shared with developer
 All defect should be fixed by developer and than validated by testing team
 No open critical, major or average severity issues remains

Testing Tools

NA

Stakeholders

Role	Resource Name
Product Owner	Sandeep Singh

Testing Team

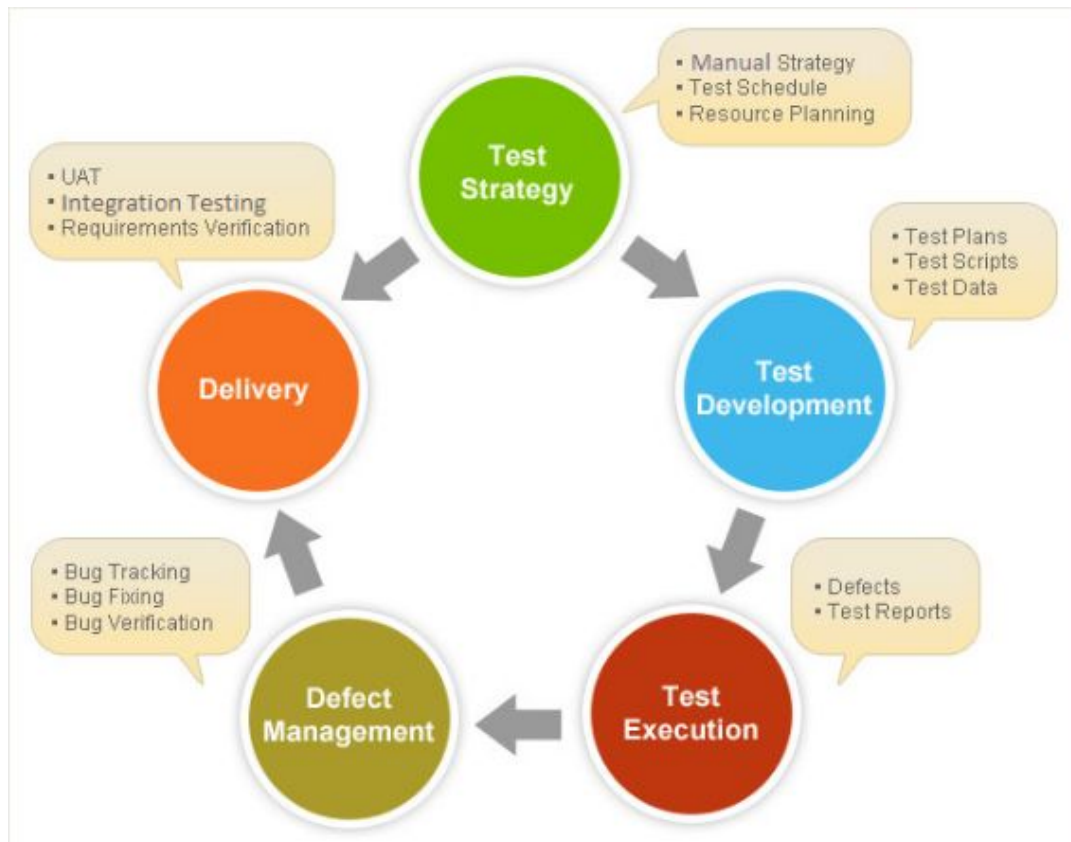
Role	Resource Name
Project Manager + Developer	Abhishek Bansal
Test Engineer	Madhvi Soni
Developer	Manmeet Gupta

Roles and Responsibilities

Role	Resource Name	Responsibility
Project Manager	Abhishek Bansal	Test plan verification and approve Test case review and approve
Test Engineer	Madhvi Soni	Test Plan creation Test Case creation Execution of Test Cases Testing Logging of test defects/Bugs Re-Testing Regression Testing

Test Execution Strategy

Testing will be done manually until the site is sufficiently stable. The Testing will cover all the requirements for all the different roles participating in the site: dealers, visitors, admin.



Test Schedule

Refer to Project Controlling and Metrics sheet for Testing schedule.

Path : \\192.168.1.16\Projects\AUT(Application under test)\Project Management\Project Monitoring & Control.

This sheet provide a schedule of testing with the estimated start and end date.

Test Monitoring and Reporting

Monitoring

Refer to Project Controlling and Metrics sheet for Testing Monitoring.

Path : \\192.168.1.16\Projects\AUT(Application under test)\Project Management\Project Monitoring & Control.(Describe monitoring activities and milestones that will be used to evaluate actual progress to plan.)

Reporting

Refer to Bug Analysis Reports.

Path : \\192.168.1.16\Projects\AUT(Application under test)\Inspection and review

(Describe the reports that will be used to document the execution and results of each test phase, sections to include: testing summary reports, etc.)

Issue and Dependency

SN	Issue/Dependency	Status
1	Server	
2	Email Hosting Services	
3	SMS Hosting Services	
4	Payment Gateway	

Risk

Any risk identified during project execution will be identified by project manager in the Risk log..

Risk will be monitored on timely basis during project progress review meeting

Risk Identification consists of identifying the possible Risks that may hit a project. Risk

Management entails the following:

Identifying possible Risks

Resource iteration

Resources on leave

Additional Priority tasks assigned which are not the part of planned activities

Test Environment down

Internal site not responding

Internet connection issues at TFT

Risk Log document can be used for the reference.

Path : \\192.168.1.16\Projects\AUT(Application under test)\Risk Management

Plan Contingencies

NA