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Test strategy

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## Scope and Overview

Testing “CafeTownSend” application’s functionality and making sure that the features provided in application is working.

## Test Approach

Unit testing and system testing will be carried out as part of the test activity. Approach used is Risk based testing where we test maximum risk areas and then we carry on with Boundary value analysis on fields.

System requirement – Windows 64bit OS, >= 1GB Ram.

Software Requirement – Java >=1.8 , MVN >=3.5.4, Chrome >=67, Firefox>=61

## Test deliverables

Automated suite, test case list, test report

## Framework

Automation suite is developed in selenium using Java, Maven and TestNG. The suite can test UI in two browsers – chrome and firefox. It has the capability to test REST responses along with UI validations. TestNG reports are autogenerated at the end of each test which can be used for downstream applications for further reporting. Maven provides capability to get all necessary library before execution. Javadoc gets autogenerated at the end of test suite based on comments in code.

## Tests Covered

Following tests are covered are part of automation –

* 1. Login validation with different usernames and password.
  2. Validation of Creation of users with various combinations of data in fields.
  3. Boundary validation on Start\_date field on edit and create screen.
  4. Edit, Create button functionality verification.
  5. Validation of delete button functionality.

## Test Results

TestNG generates report in xml and html format. It contains the execution report of all targets scheduled for execution.