**TEST PLAN**

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# 

# **1 Introduction**

The Test Plan includes the objectives, scope, schedule, risks and approach. This document will clearly identify what the test deliverables will be and what is deemed in and out of scope.

## **1.1 Objectives**

Its an java application called coffee maker, in it there is some priorities like edit,add, delete and showing coffee types for different recipes, also you control the ingredients like the amount of milk,sugar,coffee and price.

Phase 1 of the project will deliver TCC (test case coffee maker ) with functionality to create and store manual tests.

## **1.2 Team Members**

|  |  |
| --- | --- |
| **Resource Name** | **Role** |
| Abdallah saleh | Test Engineer |
|  |  |
|  |  |

# **2 Scope**

The initial phase will include all ‘must have’ requirements. These and any other requirements that get included must all be tested. At the end of Phase 1, a tester must be able to:

1. Add recipe
2. Set a recipe with the amounts that he prefer
3. Edit recipe
4. Delete recipe

# **3Assumptions / Risks**

## **3.1Assumptions**

This section lists assumptions that are made specific to this project.

1. This application is for making coffee recipes by adding deleting modifying data in the recipes
2. Content must be as string

## **3.2Risks**

The following risks have been identified and the appropriate action identified to mitigate their impact on the project. The impact (or severity) of the risk is based on how the project would be affected if the risk was triggered. The trigger is what milestone or event would cause the risk to become an issue to be dealt with.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Risk** | **Impact** | **Trigger** | **Mitigation Plan** |
| 1 | Scope Creep – as testers become more familiar with the tool, they will want more functionality | High | Delays in implementation date | Each iteration, functionality will be closely monitored. Priorities will be set and discussed by stakeholders. Since the driver is functionality and not time, it may be necessary to push the date out. |
| 2 | Changes to the functionality may negate the tests already written and we may loose test cases already written | High – to schedule and quality | Loss of all test cases | Export data prior to any upgrade, massage as necessary and re-import after upgrade. |
| 3 | Weekly delivery is not possible because the developer works off site | Medium | Product did not get delivered on schedule |  |
| 4 |  |  |  |  |

# **4Test Approach**

Testing using Junit to test and include all the functionality in coffee maker application

* Add new recipe
* Edit recipe
* Delete recipe
* Control the amount of chocolate, milk,etc..
* Get an exist recipe

# **5 Test Environment**

* Laptop
* linux/window/mac

# **6 Test Tools**

* Eclipse ide
* Junit library