# TEST PLAN

# Introduction

For our project , testing is not 100% exhausted as it is principle of software testing . Our main focus would be on GUI Testing as our project is a web application where is users have highly interaction direct with website . In short , we prefer to functional testing rather than non-functional testing . testing be like load testing , compatibility testing and etc are exceptions in our scope of testing scenario .

## Scope

### In Scope

An in-scope for testing of AUT, is functional requirements validation and testing using white-box approach .

### Out of Scope

Out Of Scope defines the features, non-functional requirements of the software that **will NOT be** tested

## Quality Objective

Here make a mention of the overall objevtie that you plan to achive withou your testing

Some objectives of your testing project could be

* Ensure the Application Under Test conforms to functional and non-functional requirements
* Ensure the AUT meets the quality specifications defined by the client
* Bugs/issues are identified and fixed before go li

## Roles and Responsibilities

Detail description of the Roles and responsibilities of different team members like

* QA Analyst
* Developers

# Test Methodology

## Overview

**Waterfall Model :**

As this project is at an acedemic level , rather making development more complex decided to go with traditional approach of Waterfall model . Where we first go through all the steps of develpopment from the methodology and now at testing phaseee we are moving ahead .

## Test Levels

**Test Levels define the Types of Testing to be executed on the Application Under Test (AUT**). The Testing Levels primarily depends on the scope of the project, time and budget constraints.

Time Duration is about a week as per recommended by college for testing . and our budget over testing is with no-cost so we prefering manual testing than using automated testing using softwares like Selenium , Jira , Load runner etc . levels are as first of all to do GUI testing and afterone move to functional testing .

## Bug Tria

The goal of the triage is to

* To define the type of resolution for each bug
* To prioritize bugs and determine a schedule for all “To Be Fixed Bugs’.

## Test Completeness

Here you define the criterias that will deem your testing complete.

For instance, a few criteria to check Test Completeness would be

* 100% test coverage
* All Manual Test cases executed
* All open bugs are fixed or will be fixed in next release

# Test Deliverables

Here mention all the Test Artifacts that will be delivered during different phases of the testing lifecycle.

Here are the deliverables

|  |
| --- |
| * Test Plan * Test Cases * Bug Reports * Customer Sign Off |

# Resource & Environment Needs

## Testing Tools

No external tools are used as like Jira or selenium , test cases , bug reports are designed in MS Office 2007.

## Test Environment

It mentions the minimum **hardware** requirements that will be used to test the Application.

Following **software’s** are required in addition to client-specific software.

1. Windows 8 and above
2. Office 2007