**CSC 179**

**Summer 2022**

**- Test Plan -**

* Create a “Test Plan” describing the testing strategy, team member’s roles and testing approach
* Sample test plan is provided below for a reference
* Add a cover page with -course name, semester, project title, sponsor, team name, team members and date

***Sample Test Plan***

*Version 1.0*

***Introduction:***

Test Plan Aim: To identify defects in the system and verify that our software functions as intended.

Test Plan Objectives:

1. Clearly define test case criteria
2. Create a product testing environment using supported platforms
3. Assign testing logistics to appropriate team members based on their roles

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| --- | --- | --- |
| ***Revision History Table*** | | |
| ***Version*** | ***Notes*** | ***Date*** |
| ***1.0*** |  |  |
| ***1.1*** |  |  |
| ***1.2*** |  |  |
| ***...*** |  |  |

***Objectives:***

1. To verify fulfillment of all client’s specified functional requirements (and NFR’s if attempted)
2. Discover all human-replicable defects
3. Achieve a high confidence in build quality of test object (all defects are of low level or non-existent)

***Testing Scope:***

In-Scope:

Address the testing scope and the features that will be tested

*Out of Scope:*

*List any features or components that are outside the testing scope (if any)*

***Test Strategies/Techniques:***

Most of our testing approach will be automated using special software built specifically for testing web applications. Testing may also include team members checking for visual or general defects in the system.

***Test Design***

*Considering the scope of the project and expectations, outline the testing that will be performed – examples*

* *Functional Testing*
  + - Regression testing
    - Integration testing
    - UI testing
    - System testing
    - Black-box testing
    - Acceptance testing
* *Usability*
* *GUI*

***Testing Environment:***

*Address the testing environment, web browsers, and any existing limitations or constraints*

***Testing Tools:***

*Describe any testing tools that might be utilized in testing the system*

***Defects:*** *Defect definition and severity Classification -*