**SPRINT 6 TEST PLAN**

**Introduction**

The Test Plan is designed to prescribe the scope, resources, and schedule of testing activities in the **6th sprint** of the project NextLevel Research Conference Management System.

The plan identifies the items to be tested, the features to be tested, the types of testing to be performed, the personnel responsible for testing, the resources and schedule required to complete testing, and the risks associated with the plan.

**Test scope:**

The following functions of NextLevel which were defined in software requirement specifications need to be tested in Sprint 6:

Requirements for functional requirements:

| **Use Case** | **Applicable Roles** | **Description** |
| --- | --- | --- |
| Allocate papers to reviewers automatically | Conference Chair | Conference chair can allocate paper automatically. |

**Test out of scope:**

* user interfaces
* hardware interfaces
* software interfaces
* website security and performance

**Quality Objective:**

* Ensure the application user test conforms to functional requirements
* bugs/issues are identified and fixed based on evaluation before next sprint

**Roles & Responsibilities**

| Tester | Yechan Kim |
| --- | --- |
| Tasks | * Design test case * Carry out the test for sprint 4 * Evaluate test based on test result |

**Test Methodology**

1. Testing strategies: Function testing to test functional requirements of Sprint 4 use cases.
2. Test acceptance and rejection criteria:
   1. System will be accepted if the actual results matches the expected result.
   2. System will be rejected if the actual results don’t match the expected result.

**Resource and Environment**

Environment set-up: All testers are required to have the following set-up to perform the system testing:

1. Front-end: Chrome
2. Test cases: Excel
3. Code Integration: GitHub
4. Code Programming framework: Django, BootStrap, Python,
5. Database programming language : SQL

**Testing Deliverables**

Before testing

1. Generate test cases
2. Open all tools that is needed for testing

During testing

1. Run test cases one by one

After testing

1. Make a report on carried test cases

**Test Plan Approval**

The following undersigned have acknowledged that they have reviewed the above test plan for NextLevel Research Conference Management

Name: Brandon Chew

Date: 13th November 2022

Role: Project Manager

Name: Yechan Kim

Date: 13th November 2022

Role: Tester