**SPRINT 4 TEST PLAN**

**Introduction**

The Test Plan is designed to prescribe the scope, resources, and schedule of testing activities in the **4th 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 4:

Requirements for functional requirements:

| **Use Case** | **Applicable Roles** | **Description** |
| --- | --- | --- |
| View reviews | Conference Chair | Conference chair can read reviews from reviewers. |
| Accept paper | Conference Chair | Conference chair can approve paper based on their ratings and reviews |
| Reject paper | Conference Chair | Conference chair can reject paper based on their ratings and reviews |
| View list of accepted and rejected paper | Conference Chair | Conference chair can view a list of papers that are accepted and/or rejected. |
| Read paper’s content | Conference Chair | Conference chair can read paper’s content. |
| Read review’s content | Conference Chair | Conference chair can read review’s content. |
| Read other reviewer’s review on the paper | Reviewer | Reviewer can view other reviews of the same paper. |
| Edit my own review | Reviewer | Reviewer can edit his own review and score of specific paper. |
| Delete my own review | Reviewer | Reviewer can delete his own review and score of specific paper. |
| Comment on the review made by other reviewers | Reviewer | Reviewer can comment on the review made by other reviewers. |
| View reviewed papers | Reviewer | Reviewer can view reviewed papers |
| View comments on the review | Reviewer | Reviewer can view comments on the review |

**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: 30th October 2022

Role: Project Manager

Name: Yechan Kim

Date: 30th October 2022

Role: Tester