**SPRINT 3 TEST PLAN**

**Introduction**

The Test Plan is designed to prescribe the scope, resources, and schedule of testing activities in the **3rd 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 3:

Requirements for functional requirements:

| **Use Case** | **Applicable Roles** | **Description** |
| --- | --- | --- |
| Bid for a paper | Reviewer | Reviewer can bid for a paper as much as they want. But they still have a limit for max paper for paper review. |
| View bidded paper | Reviewer | Reviewer can view a list of papers that they bidded. |
| Delete bidded paper | Reviewer | Reviewer can cancel the their bid on certain paper. |
| View assigned papers | Reviewer | Reviewer can view a list of assigned papers which is to be reviewed or reviewed previously. |
| Submit review | Reviewer | Reviewer can submit review and score to respective allocated paper. |
| Set the max number of assigned papers | Reviewer | Reviewer can set the maximum number for papers for paper allocation. |
| Read paper’s content | Reviewer | Reviewer can read the content of the paper. |
| View unbidded papers | Reviewer | Reviewer can view a list of unbidded papers. |
| Read my review’s content | Reviewer | Reviewer can read their previous review on the paper. |
| Allocate papers to reviewers manually | Conference Chair | Conference chair can allocate papers to reviewers based on their maximum number of papers. |
| View bidded paper of all reviewers | Conference Chair | Conference chair can view a list of bidded papers. |
| Unallocate paper assigned to reviewer | Conference Chair | Conference chair can unallocate allocated paper. |

**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 3 * Evaluate test based on test result |

**Test Methodology**

1. Testing strategies: Function testing to test functional requirements of Sprint 3 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: 23rd October 2022

Role: Project Manager

Name: Yechan Kim

Date: 23rd October 202

Role: Tester