**Task 3: Structured Report on Test Activities**

**Executive Summary:**

* This report consolidates the outcomes of the evaluation tasks undertaken to assess the web-form functionality for searching available workplaces in an organization and the estimation for testing the current system along with planned new features. The report aims to provide a clear and comprehensive overview of the testing requirements, test cases, estimation for planned test activities, and the high-level process that will be followed.

**Requirements Analysis**

* **Functionality:** The system should allow for searches with various combinations of parameters, offering filtering, sorting, and navigational capabilities in the search results.
* **Data Validation**: Search parameters must be validated, particularly ensuring date ranges are not set in the past.
* **Performance and Usability**: The system is expected to provide quick search results and a user-friendly interface.

**Scope of Testing: -**

* **Features Tested:**

1.Search functionality

2. User registration

3.Booking of office places

4.Mobile application functionality

5.Office manager role capabilities

**Test Data and Test Cases**

* **Data Sets**: Dates: Valid future dates, today's date, past dates, and invalid date formats.
* **Floor numbers**: Valid and invalid inputs, Equipment: Various combinations and no selection.
* **Test Cases**: 16 test cases were designed to cover all aspects of the functionality, including search capabilities, date validation, sorting and navigation, data validation, user interface, usability, and performance.

**Identified Bad Requirements:**

* Requirement 4: about searching only for future dates may limit legitimate business needs.
* Requirement 7:"without delay" is not quantifiable and needs clarification

**Estimation Summary**

* The total estimated effort for testing activities is 43 hours, covering all phases from planning to closure

|  |  |
| --- | --- |
| **Activity** | **Duration** |
| Test Planning | 4 hours |
| Test Case Development (Scenario/Test case Writing, Prepare Traceability Matrix, Test case Review) | 12 hours |
| Test Execution | 12 hours |
| Performance Testing | 4 hours |
| User Acceptance Testing (UAT) | 6-7 hours |
| Test Closure | 4 hours |
| **Total** | **42 hours** |

**Note : Crete this report base on dummy Data**

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| --- | --- | --- | --- | --- | --- | --- |
| **Status Report** |  | | | | | |
| **Issue Type** | **To do** | **in progress** | **Closed** | **QA** | **Blocked** | **Total** |
| Story | 1 | 2 | 3 | 3 |  | 9 |
| Sub Task |  | 1 | 2 | 1 |  | 4 |
| Bug |  | 5 | 10 | 3 |  | 18 |
| UAT-checkout (Story, bug) | 1 | 8 | 10 |  |  | 18 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Defect Report** |  | | | |
| **Total Bug** | **Blocker** | **Critical** | **Major** | **Minor** |
| 18 |  | 6 | 2 | 10 |

**Conclusion**

* The report provides a detailed insight into the testing strategy for the existing and new features of the workplace search application. The requirements have been analysed, test cases created, and a thorough estimation provided to guide the testing efforts. The expected outcome is a well-tested system, ready for production with an anticipated high level of quality.

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