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|  |  | **Software Testing Evaluation Report** | | | |  |
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# Introduction

## Purpose

This report presents the evaluation results of software testing activities for Workplace. The primary objective of this evaluation was to analyse the requirements, propose optimal test data and test cases, estimate the testing effort, and provide a high-level description of the testing process for the upcoming increment. The evaluation was conducted to assess the skills of the testing team in strategy elaboration and estimation, ensuring the delivery of high-quality software.

# Task1: Requirements Analysis and Coverage Scope of Testing

**2.1 Overview:**

The evaluation commenced with an overview of the web-form used for searching available workplaces in the organization. The form's attributes, including date, floor, equipment, and smoking restrictions, were used as search criteria.

**2.2 Requirements:**

The provided requirements outlined ten key aspects of the system's functionality, focusing on search, filtering, sorting, validation, and user interface.

**2.3 Test Data Proposal:**

Based on the requirements, the testing team proposed test data covering various scenarios such as dates (today, future, past), floors, equipment, and smoking restrictions**.**

**2.4 Test Cases Proposal:**

A set of positive and negative test cases were created to validate the system's functionality effectively. The test cases covered scenarios for basic searches, sorting, navigation, and data validation**.**

**2.5 Identification of Bad Requirements:**

Several bad requirements were identified during the analysis, mainly due to lack of clarity and specificity. Recommendations were provided to improve these requirements for better testability.

**2.6 Test Cases Format and Proper Coverage:**

The test cases were presented in a structured format, addressing most of the requirements. The test cases were designed to provide reasonable coverage of positive and negative scenarios.

# Task 2: Estimation

**3.1 Increment Description:**

The new increment of the application introduced four new features: user registration, office place booking, user roles (user and office manager), and a native mobile application.

**3.2 User Stories:**

Six user stories were provided by the customer, detailing the desired functionalities of the new features.

**3.3 Assumptions:**

The estimation was based on certain assumptions, including the availability of the testing environment, readiness of test data and test cases, and no major blockers during testing.

**3.4 Test Activities Estimation and WBS:**

A Work Breakdown Structure (WBS) was created to organize the test activities. Estimations were provided for various testing activities, such as user registration testing, office place booking testing, mobile application testing, and more.

**3.5 Result of Planned Activities:**

The planned test activities aimed to deliver a thoroughly tested software application with the newly added features. The software is expected to meet all requirements and provide a user-friendly experience.

**3.6 High-Level Description of Test Activities in the Process:**

The testing process involved comprehensive functional, usability, performance, and integration testing. Close collaboration between the testing and development teams ensured quick issue resolution and a focus on delivering high-quality software.

# Conclusions

The evaluation process successfully analysed the requirements, proposed test data and test cases, and estimated the testing effort for the upcoming increment. The team's strategy elaboration and estimation skills were evaluated, ensuring the delivery of high-quality software. The comprehensive testing approach will help achieve customer satisfaction and project success.