Assessment – Manual Testing

Introduction

We recommend reading all given tasks before answering those. Please note that results should be made in form of a detailed and clear report – as it is required by Task 3. Take this into account while composing answers.

Please attempt Task 1 & Task 2 if you are having 2-4 years of experience.

Please attempt complete assessment from Task to Task 3 if you are having 4+ years of experience.

Please read the information for each task carefully. All the tasks below are expected to be completed. In case you face some difficulties with tasks understanding and are not sure about interpretation correctness, please write down assumptions you were using for a task.

Please make sure you reflect all things that matter to understand decisions you made while completing the task.

We would love to receive your input on these to understand the approach/strategies you have been using in the industry per your role.

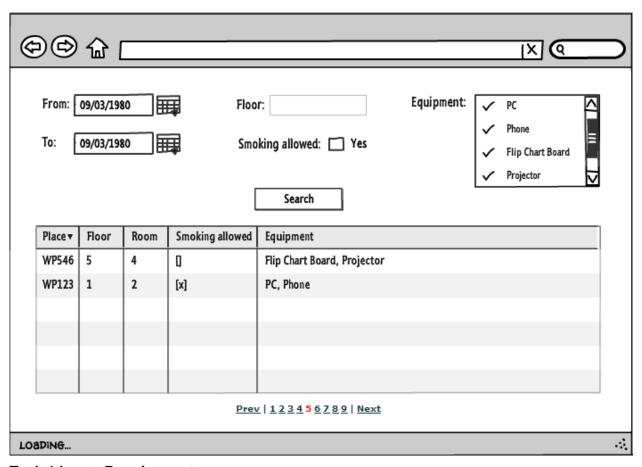## Task 1: Requirements Analysis and Coverage

Description: Please propose the optimal test data and set of test cases required to check the functionality. Make sure that proposed approach is efficient and effective in terms of required time and effort. Please use the mockup and requirements below as input.

Bonuses: Identify bad requirements and to which criteria they don't satisfy.

Assessment Criteria: Since the task is aimed at requirements analysis, test data and test cases creation skills, it is expected that you will come up with reasonable assumptions, test cases format and proper coverage of requirements with tests.

Task 1 Input: Overview

The web-form below is used for searching of available workplaces in an organization. Each workplace has the following attributes: date, floor, list of equipment and smoking restrictions. These attributes are also used as search criteria. Mock-up of the search form is provided below.

Task 1 Input: Requirements

1	System shall allow use to perform search, set search criteria and filter workplaces, and also to sort and navigate by search results.
2	System shall allow searching without setting search parameters.
3	System shall allow searching workplaces by provided parameters.
4	System shall allow searching only for the date range that is not in the past.
5	System shall allow sorting search results by all available fields.
6	System shall validate provided data before search.
7	System shall provide search results without delay.
8	System shall provide flexible navigation between results.
9	System shall provide user friendly interface.
10	Search result table shall be read only

Task 2 – Estimation

Description: Please provide rough estimate with WBS for test activities planned in the previous task. Provide information about what you suggest to include and what the customer gets as a result of planned activities.

Bonuses: Make a high-level description of how estimated test activities sum up in a process

Assessment Criteria: The pair of current and previous tasks is aimed to evaluate skills on strategy elaboration and estimation, you should enlist all the assumptions used in planning/estimation and provide clear vision on what level of quality is expected as a result of proposed activities

Task 2 Input: Increment Description

The new increment of an application described in previous task will contain many new features that will extend already existing functionality. The following features are added to the project plan for a new version:

- User registration
- Booking of the office place
- User roles (user and office manager roles)
- Native mobile application

Task 2 Input: User Stories

The following set of user stories were received from the Customer as description of planned features:

1. As a user, I want to book available working places for future so that nobody could take the place.
2. As a user, I want to have ability to cancel booking so that another user could book it instead.
3. As a user, I want to register into the system so that I can view working places I have booked.
4. As a user, I want to use mobile application for system usage so that I can do it any time.
5. As an office manager, I want to manage working places so that system provide valid up-to-date information to system users.
6. As an office manager, I want to create new working places so that users could have ability to find and book them.

Task 3 – Complex Reporting

Description: Please put all the results on all the tasks performed in scope of this evaluation into a structured report.

Assessment Criteria: Please make sure the report is clear and covers everything needed for results understanding. Make sure that Project Manager or Test Lead who will review this report will have no additional questions.