Overview and Observation:

Task 1:

Scope:

A web form related to workplace-based web application is used to searching of available workplaces in the organization.

As per the *Task 1* A web form contained the attributes Date, Floor, List of Equipment's and Smoking Restrictions by which user can filter the needful Workplace by his choice.

Requirements coverage:

The existing requirements for the web form are as follow:

- System shall allow use to perform search, Set search criteria, and Filter workplaces, to sort and navigate by search results.
- System shall allow searching without setting search parameters.
- System shall allow searching Workplaces by provided parameters.
- System shall allow searching only the date range that is not from the past.
- System shall allow sorting search results by all available fields.
- System shall validate provided data before search.
- System shall provide the results without delay.
- System shall provide flexible navigation between results.
- System shall provide user friendly interface.
- Search result tables shall be read only.

Test Cases Coverages and Descriptions:

- For above *Task 1* requirements, total 34 test cases have been created along with 10 different partitions where above requirements has been covered.
- The test case design has been created with the easy and understanding template, where various columns explore the ways of functionalities
- Expected Results are defined as per the steps of the test cases.

Requirements observation:

There are few observations has been found where the improvements can be done. They are:

- In second requirement it is said that, System shall allow searching without setting search parameters. If system will allow a searching without setting search parameters, then there could be a chance where result table will take time to load the data and that could be caused delay in loading page because of maximum data. So, if there will be at least one filter available which is a date range, then this problem can be reduced.
- As per requirement 5, System shall allow sorting search results by all available fields. But in the Mockup design of web form, it can be seen that the sorting option is only present

for column "Place" and not for other. So, either sorting option should be available for all columns by which we can sort the data according to other available fields.
- In Smoking allowed filter in the web form, only one check box s given for "Yes". However, it's good to have two separate check boxes for "yes" and "No".
- Proper checkbox button should be given for equipment's present in dropdown field.

Task 2:

Requirement Coverage:

A new requirement has been added in the existing functionality which can improves the performance as we as result of the web application.
- New features are as follow:
- User Registration
- Booking of an office place
- User roles (User and Office manager's role)
- Native Mobile application

Test Design Coverages and Descriptions:

High-level test scenarios have been created for the new requirement where use case of particular requirement and scenario which can covered its requirement is mentioned.
Total 31 scenarios have been covered for above requirement with the partitions of 5 fields where cases can be design with the help of these scenarios.

Requirements observation:

As per the new requirements:
- User should be able to Book working places for present and future dates and slot should be blocked after the booking so no other person can book the same place.
- User should be able to cancel the booking so other people can book the same place.
- User should be able to registered himself in the workplace application
- User should be able to use the mobile application for the same purpose
- As a manager, he should have the access to create a new workplace so other can book