**TEST PLAN DOCUMENT**

**Version 1.0**

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Introduction

The purpose of this document is to capture the test approach and process to be followed by testing team that pertain to creation of new form to allow users to create test plans for candidates. This document will include but not is not limited to following details:

1. Test Objectives
2. Scope
3. Assumptions and Risks
4. Testing Approach
5. Testing Environment

Test Objectives

In order, to create new form that allows users to create test plans, testing team is responsible to create test plan and execute the plan so that requirements of the project are met. Important parameter to be considered in test plan form creation is that no candidates can have overlapping plan period.

1. Scope

Commencing phase of this project will include all mandatory requirements. All the requirements must be tested. After successful creation of form, user should be able to test these requirements:

1. All mandatory fields should be filled before submission of the form (Id can be ignored)
2. Name field should allow only alpha numeric characters
3. Each candidate should be able to have multiple plans
4. The plan period should not overlap for a candidate
5. Form should get submitted
6. Assumptions & Risks
   1. Assumptions

Below is the list of assumptions that will be followed during this project:

1. Users have access to new form.
2. Users have all the details pertaining to candidates.
3. Test Plan Id will be auto generated so user need not input it.
4. Details field will be mandatory to capture any additional information regarding test plan for specific candidate.
   1. Risks

Following is the list of risks identified along with their impact on the project. Impact of the risk will be based on how it will affect the functionality of the project.

1. Candidates cannot have overlapping plan periods – Overlapping plans periods may lead to incompletion and affect the timeline of project.
2. Testing Approach

Manual testing will be followed by the testing team for this project. Test cases will be created and executed in order ensure that new form creation works as per requirements.

* 1. Manual Test

Test Cases that will be implemented for this project are listed below:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Case Number | Test Case | Steps | Test Data | Expected Result |
| 1. | New Test plan creation for a candidate with mandatory fields | 1. Fill up the mandatory fields with valid data i.e., Name, Candidate, Details and StartDate 2. Click on submit | {  Name: “Zzdemo”,  id:”1”,  Candidate: ”1”,  Details: “xyz”,  StartDate: “12/1/2022 13:45””  } | New test plan should get created |
| 2. | New Test plan creation for a candidate with all the fields | 1. Fill up all the fields with valid data i.e., Name, Candidate, Details, StartDate and EndDate 2. Click on submit | {  Name: “Zzdemo”,  id:”2”,  Candidate: ”2”,  Details: “xyz”,  StartDate: “12/1/2022 13:45””,  EndDate: “12/10/2022 13:45”  } | New test plan should get created |
| 3. | New test plan creation for a candidate with Name field having more than 40 characters | 1. Fill up the form fields with Name field more than 40 alphanumeric characters. 2. Click on submit | {  Name: “Thisismorethan40charactersinnamefieldsample”,  id:”3”,  Candidate: ”3”,  Details: “xyz”,  StartDate: “12/11/2022 13:45””,  EndDate: “12/20/2022 13:45”  } | System should give error for Name field and Test plan should not get created |
| 4. | New test plan creation for a candidate with Name field having non alpha numeric characters | 1. Fill up the form fields with non-alphanumeric characters in Name field 2. Click on submit | {  Name: “Demo$sample”,  id:”4”,  Candidate: ”4”,  Details: “xyz”,  StartDate: “12/11/2022 13:45””,  EndDate: “12/20/2022 13:45”  } | System should give error for Name field and Test plan should not get created |
| 5. | New test plan creation without “candidate” field | 1. Fill all form details without “Candidate” field 2. Click on Submit | {  Name: “Zzdemo”,  id:”5”,  Details: “xyz”,  StartDate: “12/21/2022 13:45””,  EndDate: “12/30/2022 13:45”  } | System should give error for Candidate field and Test plan should not get created |
| 6. | New test plan creation without “Name” field | 1. Fill all form details without “Name” field 2. Click on Submit | {  Name: “”,  id:”6”,  Candidate: ”6”,  Details: “xyz”,  StartDate: “1/1/2023 13:45””,  EndDate: “1/10/2023 13:45”  } | System should give error for Name field and Test plan should not get created |
| 7. | New test plan creation with “Candidate” field having string values | 1. Fill all form details with “Candidate” field as string values | {  Name: “xxDemo”,  id:”7”,  Candidate: ”Candidate6”,  Details: “xyz”,  StartDate: “1/1/2023 13:45””,  EndDate: “1/10/2023 13:45”  } | System should not allow to enter the string value in the Candidate field |
| 8. | New test plan creation for Candidate 2 | 1. Fill out all the fields for Candidate 2 with new dates 2. Click on submit | {  Name: “Zzdemo”,  id:”8”,  Candidate: ”2”,  Details: “Multiple Test plan sample”,  StartDate: “1/10/2023 13:45””,  EndDate: “1/25/2023 13:45”  } | New test plan should get created |
| 9. | New test plan creation for Candidate 2 with same plan period | 1. Fill out all the fields for Candidate 2 with existing plans period dates 2. Click on Submit | {  Name: “Zzdemo”,  id:”9”,  Candidate: ”2”,  Details: “Multiple Test plan sample”,  StartDate: “1/10/2023 13:45””,  EndDate: “1/25/2023 13:45”  } | System should give error for overlapping plan period and test plan should not get created |
|  |  |  |  |  |

1. Test Environment

Testing environment will be setup with the mock form so users can test it with valid data.