Assessment Evaluation

Planr, an Agile Project Planning Application

Version 1.0

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# Introduction

This document covers the results of the test cases from the Test Plan document.

# 2. Test Cases and Results for User Requirements

## 2.1 Project Setup / Settings

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Test Case** | **Action** | **Expected Result** | **Pass / Fail** |
| PROJ.1.1 | Project Setup / Settings | Create an empty project without engineers or features. | Unable to proceed through project setup without engineers or features. | Passed: 11/19/2021 – 1:11pm |
| PROJ.1.2 | Project Setup / Settings | Assign an Engineer to created project. | The project now has a name and one assigned Engineer. | Passed: 11/19/2021 – 1:12pm |
| PROJ.1.3 | Project Setup / Settings | Assign an unplanned feature to created project with one engineer. | The project now has an assigned Engineer and one unplanned feature. | Passed: 11/19/2021 – 1:12pm |
| PROJ.1.4 | Project Setup / Settings | Assign 15 Engineers to a created project. | The engineer information shows in the "Add Project Engineers" view and the list will scroll. | Passed: 11/19/2021 – 1:15pm |
| PROJ.1.5 | Project Setup / Settings | Assign 15 Features to a created project. | The feature information shows in the "Add Project Features" view and the list will scroll. | Passed: 11/19/2021 – 1:18pm |
| PROJ.1.6 | Project Setup / Settings | Adjust the Planr settings to have an average velocity of 10 points per Engineer, a sprint length of two weeks, and an estimate padding of 0%. | The settings reflect the changes applied. | Passed: 11/19/2021 – 1:18pm |

## 2.2 Engineer Setup / Modification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Test Case** | **Action** | **Expected Result** | **Pass / Fail** |
| ENG.1.1 | Engineer Setup / Modification | Create a new engineer to assign to the project with a valid first and last name, at least one valid platform, and two unavailable dates within the next two weeks. | A valid Engineer created with a name, platform, and valid unavailable dates. | Passed: 11/19/2021 – 2:24pm |
| ENG.1.2 | Engineer Setup / Modification | Create an engineer with four unavailable weeks. | A valid engineer with four unavailable weeks. | Passed: 11/19/2021 – 2:25pm |
| ENG.1.3 | Engineer Setup / Modification | Create an invalid Engineer by attempting to enter in a first or last name with a value that is greater than 40 characters. | Text field does not allow name length longer than 40 characters. | Passed: 11/19/2021 – 2:25pm |
| ENG.1.4 | Engineer Setup / Modification | Create an engineer with no platform proficiencies. | Save button is not enabled until at least one platform is chosen. | Passed: 11/19/2021 – 2:25pm |
| ENG.1.5 | Engineer Setup / Modification | Create an engineer with no first name. | Save button is not enabled until at least one character is entered in first name field. | Passed: 11/19/2021 – 2:25pm |
| ENG.1.6 | Engineer Setup / Modification | Create an engineer with no last name. | Save button is not enabled until at least one character is entered in last name field. | Passed: 11/19/2021 – 2:25pm |
| ENG.1.7 | Engineer Setup / Modification | Cancel creating an engineer. | Input is discarded and user is taken back to the "Add Project Engineers" view. | Passed: 11/19/2021 – 2:25pm |

## 2.3 Feature Setup / Settings

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Test Case** | **Action** | **Expected Result** | **Pass / Fail** |
| FEAT.1.1 | Feature Setup / Modification | Create an unplanned feature with a name, summary, at least one platform, an effort estimate above 0 points, a priority between 0 and 1000, and no concurrency allowed. | A valid created, unplanned feature. Returned to the list of features. | Passed: 11/19/2021 – 2:32pm |
| FEAT.1.2 | Feature Setup / Modification | Create a feature with no feature name. | Save button is not enabled until feature name has at least one character. | Passed: 11/19/2021 – 2:32pm |
| FEAT.1.3 | Feature Setup / Modification | Create a feature with a name character count of 50. | Text field automatically invalidates input back to valid 40 character limit. | Passed: 11/19/2021 – 2:32pm |
| FEAT.1.4 | Feature Setup / Modification | Create a feature with no summary. | A valid created, unplanned feature. Returned to the list of features. | Passed: 11/19/2021 – 2:38pm |
| FEAT.1.5 | Feature Setup / Modification | Create a feature with a summary of 250 character length. | Text field automatically invalidates input back to valid 240 character limit. | Passed: 11/19/2021 – 2:38pm |
| FEAT.1.6 | Feature Setup / Modification | Create a feature with 0 point estimate. | Save button is not enabled until point estimate is above 0. | Passed: 11/19/2021 – 2:38pm |
| FEAT.1.7 | Feature Setup / Modification | Create a feature with 150 point estimate. | Text automatically validates to max valid point estimate value. | Passed: 11/19/2021 – 2:38pm |
| FEAT.1.8 | Feature Setup / Modification | Create a feature with a priority of 0. | A valid created, unplanned feature. Returned to the list of features. | Passed: 11/19/2021 – 2:38pm |
| FEAT.1.9 | Feature Setup / Modification | Create a feature with a priority of 5000. | Text automatically validates to max valid priority value of 1000. | Passed: 11/19/2021 – 2:38pm |
| FEAT.1.10 | Feature Setup / Modification | Create a feature with no platforms. | Save button is not enabled until at least one platform has been chosen. | Passed: 11/19/2021 – 2:38pm |
| FEAT.1.11 | Feature Setup / Modification | Cancel creating a feature. | The input is discarded and the user is taken back to the feature list view. | Passed: 11/19/2021 – 2:38pm |

## 2.4 Planned Features

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Test Case** | **Action** | **Expected Result** | **Pass / Fail** |
| PLAN.1.1 | Planned Features | Create a project with four valid features, each feature has a sprint point total of greater than 18 points. Create three engineers to work on the project / features and have the necessarily platform proficiences to match the project needs. | A valid Roadmap output for the given input parameters. | Passed: 11/19/2021 – 2:45pm |
| PLAN.1.2 | Planned Features | Create a project with four valid engineers each only working on iOS platform. Create four valid features each with an associated Android platform. Click view plan. | Error messaging saying that at least one engineer needs to be available to work on the platforms for each feature. | Failed: 11/19/2021 – 2:45pm  Error message needs to be implemented. |
| PLAN.1.3 | Planned Features | Create a project with four valid engineers each only working on iOS platform. Create four valid features each with an associated Android platform. Click view plan. | Roadmap values are all visible and discernable. | Passed: 11/19/2021 – 2:45pm |
| PLAN.1.4 | Planned Features | Create a project with four valid engineers each only working on iOS platform. Create four valid features each with an associated Android platform. Click view plan. | Roadmap can scroll horizontally, and vertically if needed. | Passed: 11/19/2021 – 2:45pm |
| PLAN.1.5 | Planned Features | Create a project with four valid engineers each only working on iOS platform. Create four valid features each with an associated Android platform. Click view plan. | Roadmap title matches the project name input. | Passed: 11/19/2021 – 2:45pm |

# 3. Results

After running through the Test Plan document, all test cases passed except PLAN.1.2. Work needs to be done to display an error to the user to notify them the requirements for creating a valid project.