



# PLANRADAR TEST PLAN

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## Web App

Version 1.0

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# Introduction

## Scope

The purpose of this document is to provide the information and acceptance criteria of the PLANRADAR web app to plan and perform all tests needed for the testing of PLANRADAR web app.

## Reference

- PlanRadar help center:
  - [Forms, Create & Edit Forms, Field Types, Field Permissions](#)  
[Manage Forms of a Project](#)

# Plan Context

## Project

The PLANRADAR web app consists of these modules.

- Home
- Login
- Product
- Customers
- Industries
- Pricing
- About
- Contact

## Test Items

- Create a new PlanRadar demo account.
- Creation of new forms to be used in project tickets.

## Test Scope

The features to be evaluated can be subdivided into these groups.

- Login with different user types and check rules and allowed permission regarding to the project configurations.
- Form creation with a variety of field types (text, dropdown, date, etc.) and configurations.
- Test the functionality of setting default values of forms fields and ensure they are populated correctly when the form is loaded regarding to the allowed user types to create project tickets.
- Test the functionality of setting mandatory fields of forms fields and ensure they are populated correctly when the form is loaded regarding to the allowed user types to create project tickets.

- Check user types of permission regarding the project tickets creations and the applied forms in the tickets.

## Test Strategy

### Test design techniques.

- Test cases.
- Test scenarios.
- Decision testing table.
- Error guessing
- Exploratory testing

## Decision Table

This table is based on the user type and permissions applied.

Rule 1= Administrative

Rule 2= Viewer User

Rule 3= Sub Admin User

Rule/Conditions	Rule 1	Rule 2	Rule 3
CRUD operations on ticket	✓		✓
Create form	✓		
Example project access	✓	✓	✓
Actions			
Login and retrieve assigned projects	Execute	Execute	Execute
Create tickets	Execute		Execute
Create project forms	Execute		

# Test Scenarios

Module	Test Scenario ID	Test Scenario Description
Login	TS-01	Verify that the created user is able to log in with valid credentials
	TS-02	Verify that the created user is not able to login with invalid credentials
	TS-03	Verify mandatory fields in the login form, check validation on the login form
	TS-4	Verify login navigation to the user dashboard
Projects	TS-01	Verify users can retrieve all the related assigned project
	TS-02	Verify user admin role can add users to the project with different user role types and configure user role permissions
	TS-03	Verify project tickets regarding to types of roles and the allowed permissions
	TS-4	Verify the admin role and create forms with alternative field types, permission configuration, and default values of the form and enable it to be used throughout the project by different project users' roles.
Forms	TS-01	Verify Create a new form with a variety of field types (text, dropdown, date, etc.) and configurations. Verify that all configurations are correctly applied.
	TS-02	Verify different permission settings for fields (e.g., view/edit permissions for different user roles) while form configuration and validate that they are enforced correctly among all type user roles.
	TS-03	Verify the functionality of setting default values for fields of the form while configuring the form and ensure they are populated correctly when the form is loaded.
	TS-04	Verify that mandatory fields configured in the form are enforced correctly in the form configurations

# Test Cases

<b>ID</b>	TC-01
<b>Title</b>	Admin login with valid credentials.
<b>Description</b>	Verify if a user will be able to login with a valid credentials.
<b>Pre-condition</b>	<ul style="list-style-type: none"> <li>- Signup first to create an admin account and record created account credentials then verify this account.</li> </ul>
<b>Dependencies</b>	<ul style="list-style-type: none"> <li>- Install any web browser.</li> </ul>
<b>Test Steps</b>	<ul style="list-style-type: none"> <li>- Open this URL 'https://www.planradar.com/login/'</li> <li>- Type valid credentials of the created account.</li> <li>- Click on login button from the used browser.</li> </ul>
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Admin account email.</li> <li>- Admin account password.</li> </ul>
<b>Expected Results</b>	Successful login and navigate the web user to his/her dashboard.
<b>Actual Result</b>	Successful login then navigates the web user to his/her dashboard.
<b>Status</b>	Pass

<b>ID</b>	TC-02
<b>Title</b>	Admin login with invalid credentials.
<b>Description</b>	Verify if a user will not be able to login with invalid credentials.
<b>Pre-condition</b>	
<b>Dependencies</b>	Use web browser.
<b>Test Steps</b>	<ul style="list-style-type: none"> <li>- Open this URL 'https://www.planradar.com/login/'</li> <li>- Type invalid credentials of the created account.</li> <li>- Click on login button from the used browser.</li> </ul>
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Admin account email.</li> <li>- Admin account password.</li> </ul>
<b>Expected Results</b>	User cannot login.
<b>Actual Result</b>	User cannot login and alert error message appeared before login form.
<b>Status</b>	Pass

<b>ID</b>	TC-03
<b>Title</b>	Create sub-admin user.
<b>Description</b>	Verify if the sub-admin user is correctly created and can retrieve the assigned project.
<b>Pre-condition</b>	Execute TC-01.
<b>Dependencies</b>	Use any web browser.
<b>Test Steps</b>	<ul style="list-style-type: none"> <li>- Open this URL 'https://www.planradar.com/login/'</li> <li>- Type valid credentials of the created sub-admin account.</li> <li>- Click on login button from the used browser.</li> <li>- Hover on user management from the left bar.</li> <li>- Click on Users button from the appeared list.</li> <li>- Click on create user.</li> <li>- Fill user data form with needed data then chose project from assign project list also set user type to be 'In-House user.'</li> <li>- Hover on the setting from the left bar.</li> <li>- Click on sign out button from the appeared list.</li> <li>- Refill login form with the created sub admin user credentials.</li> <li>- Click on login button.</li> </ul>
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Sub-admin account email.</li> <li>- Sub-admin account password.</li> </ul>
<b>Expected Results</b>	Successful login and navigate the web user to his/her dashboard.
<b>Actual Result</b>	Successful login then navigates the web user to his/her dashboard and preview one project in project tab in the dashboard.
<b>Status</b>	Pass

<b>ID</b>	TC-04
<b>Title</b>	Create viewer user.
<b>Description</b>	Verify if the viewer user is correctly created and can retrieve the assigned project.
<b>Pre-condition</b>	Execute TC-01.
<b>Dependencies</b>	Use any web browser.
<b>Test Steps</b>	<ul style="list-style-type: none"> <li>- Open this URL 'https://www.planradar.com/login/'</li> <li>- Type valid credentials of the created viewer account.</li> <li>- Click on login button from the used browser.</li> <li>- Hover on user management from the left bar.</li> <li>- Click on Users button from the appeared list.</li> <li>- Fill user data form with needed data then chose project from assign project list also set user type to be 'Subcontractor (Free of charge)'</li> <li>- Hover on the setting from the left bar.</li> <li>- Click on sign out button from the appeared list.</li> <li>- Refill login form with the created viewer user credentials.</li> <li>- Click on login button.</li> </ul>
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Viewer account email.</li> <li>- Viewer account password.</li> </ul>



<b>Expected Results</b>	Successful login and navigate the web user to his/her dashboard.
<b>Actual Result</b>	Successful login then navigates the web user to his/her dashboard and preview one project in project tab in the dashboard.
<b>Status</b>	Pass

<b>ID</b>	TC-05
<b>Title</b>	Create project form.
<b>Description</b>	Verify if the admin user can create a project form and enable it for a project with different form input types, default form input values, some mandatory form inputs, and specific form inputs edit permission.
<b>Pre-condition</b>	Execute TC-01.
<b>Dependencies</b>	Use any web browser.
<b>Test Steps</b>	<ul style="list-style-type: none"> <li>- Open this URL 'https://www.planradar.com/login/'</li> <li>- Type valid credentials of the created admin account.</li> <li>- Click on login button from the used browser.</li> <li>- Click on forms and list button from left nav bar.</li> <li>- Click on the create a new form button.</li> <li>- Enter form name in form name input.</li> <li>- Drag and drop field types from left.</li> <li>- Click on each added field then set field name and field description.</li> <li>- Click on each added field type then set default value from the right in default setting then make it mandatory if it mandatory.</li> <li>- Switch off field permission and set visibility to all users then set edit to sub- admin user.</li> <li>- Click on the save button.</li> <li>- Click on projects from the left nav bar.</li> <li>- Click on the default created example project.</li> <li>- Click on form tab from the top nav bar.</li> <li>- Click on 'Assign form' button.</li> <li>- Search on the previously created form.</li> <li>- Click on the appeared form that match the created form name.</li> </ul>
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Admin account email.</li> <li>- Admin account password.</li> </ul>
<b>Expected Results</b>	Admin can create a project form and enable it for a project with different form input types, default form input values, some mandatory form inputs, and specific form inputs edit permission.
<b>Actual Result</b>	Admin can create a project form and enable it for a project with different form input types, default form input values, mandatory form inputs checkboxes in the project module checked, and specific form inputs edit permission related to the created user role.
<b>Status</b>	Pass

<b>ID</b>	TC-06
<b>Title</b>	Verify viewer user cannot create project ticket.
<b>Description</b>	Verify if the viewer user can view only project tickets but cannot add or edit or delete project ticket from the assigned project but can only view assigned project tickets
<b>Pre-condition</b>	Login with created viewer user credentials in TC-04.
<b>Dependencies</b>	Use any web browser.
<b>Test Steps</b>	<ul style="list-style-type: none"> <li>- Open this URL 'https://www.planradar.com/login/'</li> <li>- Type valid credentials of the created viewer account.</li> <li>- Click on login button from the used browser.</li> <li>- Click on 'Tickets' from the left navbar.</li> <li>- Hover on 'Create ticket' button</li> </ul>
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Viewer account email.</li> <li>- Viewer account password.</li> </ul>
<b>Expected Results</b>	Viewer user cannot create ticket to project and can see only the assigned ticket to view only.
<b>Actual Result</b>	Viewer user cannot click on 'Create ticket' button also disabled symbol appears to the viewer user.
<b>Status</b>	Pass

<b>ID</b>	TC-07
<b>Title</b>	Verify sub-admin user can create project ticket.
<b>Description</b>	Verify if the sub-admin user can create, edit, and delete tickets in the project.
<b>Pre-condition</b>	Login with created sub-admin user credentials in TC-03.
<b>Dependencies</b>	Use any web browser.
<b>Test Steps</b>	<ul style="list-style-type: none"> <li>- Open this URL 'https://www.planradar.com/login/'</li> <li>- Type valid credentials of the created sub-admin account.</li> <li>- Click on login button from the used browser.</li> <li>- Click on 'Tickets' from the left navbar.</li> <li>- Click on 'Create ticket' button</li> </ul>
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Sub-admin account email.</li> <li>- Sub-admin account password.</li> </ul>
<b>Expected Results</b>	Sub-admin user can create project ticket
<b>Actual Result</b>	Sub-admin user can click on the 'Create ticket' button.
<b>Status</b>	Pass

<b>ID</b>	TC-08
<b>Title</b>	Verify form input default values.
<b>Description</b>	Verify that the default form input values have been populated correctly and accurately.
<b>Pre-condition</b>	Login with created admin user credentials in TC-01.
<b>Dependencies</b>	Use any web browser.
<b>Test Steps</b>	<ul style="list-style-type: none"> <li>- Open this URL 'https://www.planradar.com/login/'</li> <li>- Type valid credentials of the created admin account.</li> <li>- Click on login button from the used browser.</li> <li>- Click on 'Tickets' from the left navbar.</li> <li>- Click on 'Create ticket' button.</li> <li>- Select form name from ticket creation model that created in TC-05.</li> </ul>
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Admin account email.</li> <li>- Admin account password.</li> </ul>
<b>Expected Results</b>	Ticket cannot be saved without filling the mandatory fields that created in TC-05.
<b>Actual Result</b>	The ticket didn't save without filling in the mandatory fields created in TC-05 and an error alert appears under the form missing required fields.
<b>Status</b>	Pass

## Recommendation

- Form builders feature it is better if it close after user create form because there is no need to edit in created for, this impact UX reporting if that is used in the web application.
- Resource Center badge appearance overlaps with back layer content and when the app user reach end of page content it overlap the content.