

Test case ID	Feature Type	Component
Welcome Page_ TC_001	Functional	Welcome Page
LoginPage_TC_002	Functional	Login Page
LoginPage_TC_003	Functional	Login page
LoginPage_TC_004	Functional	Login page

LoginPage_TC_005	Functional	Login page
LoginPage_TC_006	Functional	Login page
SignupPage_TC_007	Functional	Signup Page
SignupPage_TC_008	Functional	Signup Page
SignupPage_TC_009	Functional	Signup Page
SignupPage_TC_010	Functional	Signup Page
SignupPage_TC_011	Functional	Signup Page

HomePage_ TC_012	Functional	Welcome Page
HomePage_ TC_013	Functional	Home Page
HomePage_ TC_014	Functional	Home Page
HomePage_ TC_015	Functional	Home Page
HomePage_ TC_016	Functional	Home Page
HomePage_ TC_017	Functional	Home Page
HomePage_ TC_018	Functional	Home Page

HomePage_ TC_019	Functional	Home Page
HomePage_ TC_020	Functional	Home Page
HomePage_ TC_021	Functional	Home Page
HomePage_ TC_022	Functional	Home Page
HomePage_ TC_023	Functional	Home Page
HomePage_ TC_024	Functional	Home Page

CropRecommendationPage_ TC_025	Functional	Crop Recommendation Page
CropRecommendationPage_ TC_026	Functional	Crop Recommendation Page
CropRecommendationPage_ TC_027	Functional	Crop Recommendation Page

	Date
	Team ID
	Project Name
	Maximum Marks
Test Scenario	Pre-Requisite
Verify user is able to see the Login/Signup page when user clicked on Get Started Button in the Welcome page	Account to login or data to signup or google account to signup/signin
Verify the UI elements in Login page	Credentials to login
Verify user is able to log into application with Valid credentials	Account to login or data to signup
Verify user is able to log into application with InValid credentials	Account to login or data to signup

Verify user is able to log into application with InValid credentials	Login credentials
Verify user is able to log into application with google sign-on	Signed in google account
Verify the UI elements in Signup page	Credentials to signup
Verify user is able to signup into application with Valid credentials	Data to signup
Verify user is able to signup into application with InValid credentials	Data to signup
Verify user is able to signup into application with InValid credentials	Existing Data to signup
Verify user is able to signup into application with google sign-on	Signed in google account

Verify user is able to see the Home page when user clicked on Get Started Button in the Welcome page while logged in.	Logged in state
User is able to see the Home tab when user clicked Get Started Button in welcome page/ clicked home tab in home page	Logged in state
User is able to see the Analytics tab when user clicked Analytics tab in home page	Logged in state
User is able to see the Predict Production tab when user clicked Predict Production tab in home page	Logged in state
User is able to see the Prediction History tab when user clicked Prediction History tab in home page	Logged in state
User is able to see the Recommendation System when user clicked Crop Recommendation tab in home page	Logged in state
User is able to logout when user clicked sign out tab in home page	Logged in state

User is able to see the Predict Production tab when user clicked Predict Yield Button in home tab in home page	Logged in state
User is able to see various Analytic charts when user clicked various numbers in Analytics tab	Logged in state
User is able to predict output by giving inputs for prediction in predict production tab	Logged in state
User is not able to predict output unless he/she gives input to all fields in predict production tab	Logged in state
User is able to see the Prediction History when user clicked Prediction History tab in home page	Logged in state
User is able to see the Recommendation system when user clicked Crop Recommendation tab in home page	none

User is able to see the Crops that are recommended for a district that the user has specified	none
User is able to see the Crops that are recommended for a season that the user has specified	none
User is able to see the Crops that are recommended for a district and a season combined that the user has specified	none

03-Nov-22	
PNT2022TMID42593	
Estimate the Crop Yield using Data	
4 marks	
Steps To Execute	Test Data
1.Enter URL and click go 2.Click on Get Started Button 3.Verify whether login/Singup page displayed or not	http://localhost:5000
1. Enter URL and click go 2.Verify login/Singup popup with below UI elements: a. email text box b.password text box c.Login button d. Sign in using google e. New customer? Create account link	http://localhost:5000/login
1. Enter URL(http://localhost:5000/login) and click go 2.Enter Valid email in Email text box 3.Enter valid password in password text box 4. Click on login button	email: sitasiri001@gmail.com password: Testing123
1. Enter URL(http://localhost:5000/login) and click go 2. Enter Invalid email in Email text box 3. Enter valid password in password text box 4. Click on login button	email: sitasiri001@gmail.com password: Testing123

<p>1. Enter URL(http://localhost:5000/login) and click go</p> <p>2. Enter valid email in Email text box</p> <p>3. Enter Invalid password in password text box</p> <p>4. Click on login button</p>	<p>email: sitasiri001@gmail.com password: Testing123</p>
<p>1. Enter URL(http://localhost:5000/login) and click go</p> <p>2. Click on login using google button</p>	<p>none</p>
<p>1. Enter URL and click go</p> <p>2. Click signup button to go to signup field.</p> <p>3. Verify Signup fields with below UI elements:</p>	<p>http://localhost:5000/login</p>
<p>1. Enter URL(http://localhost:5000/login) and click go</p> <p>2. Click signup button to go to</p>	<p>Username: PerabathulaVenkata sita mahaLakshmi email: sitasiri001@gmail.com password: Testing123</p>
<p>1. Enter URL(http://localhost:5000/login) and click go</p>	<p>Username: PerabathulaVenkata sita mahaLakshmi email: sitasiri001@gmail.com</p>
<p>1. Enter URL(http://localhost:5000/login) and click go</p> <p>2. Click signup button to go to signup field.</p> <p>3. Enter valid username in</p>	<p>Username: PerabathulaVenkata sita mahaLakshmi email: sitasiri001@gmail.com password: Testing123 confirm password: Testing123</p>

<ol style="list-style-type: none">1. Enter URL(http://localhost:5000/login) and click go2. Click signup button to go to signup field.3. Click signup using google button	none
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1.Enter URL and click go 2.Click on Get Started Button 3.Verify whether Home page displayed or not	http://localhost:5000
1. Enter URL(http://localhost:5000/login) and click go 2. Click Home Tab	none
1. Enter URL(http://localhost:5000/login) and click go 2. Click Analytics Tab	none
1. Enter URL(http://localhost:5000/login) and click go 2. Click Predict Production Tab	none
1. Enter URL(http://localhost:5000/login) and click go 2. Click Prediction History Tab	none
1. Enter URL(http://localhost:5000/login) and click go 2. Click Crop recommendation Tab	none
1. Enter URL(http://localhost:5000/login) and click go 2. Click Sign Out Tab	none

1. Enter URL(http://localhost:5000/login) and click go 2. Click Predict Yield Button in Home Tab	none
1. Enter URL(http://localhost:5000/login) and click go 2. Click Analytics Tab 3. Click on the numbers below to navigate between analytic charts	none
1. Enter URL(http://localhost:5000/login) and click go 2. Click Predict Production Tab 3. Enter the values in all fields 4. Enter estimated production 5. Click Predict Button	State: Tamil Nadu District: Madurai Crop_Year: 2022 Season: Kharif Crop: Cabbage Area: 20 Estimated Production: 150
1. Enter URL(http://localhost:5000/login) and click go 2. Click Predict Production Tab 3. Enter the values in some fields	State: Tamil Nadu District: Madurai Crop_Year: 2022 Season: Kharif
1. Enter URL(http://localhost:5000/login) and click go 2. Click Prediction History Tab	none
1. Enter URL(http://localhost:5000/login) and click go 2. Click Crop Recommendation Tab	none

1. Enter URL(http://localhost:5000/crop_recommendation) and click go 2. Select District Name to see the crops	district: Madurai
1. Enter URL(http://localhost:5000/crop_recommendation) and click go 2. Select Season Name to see the crops	season: whole year
1. Enter URL(http://localhost:5000/crop_recommendation) and click go 2. Select District Name and Season name to see the crops	district: Madurai season: whole year

Expected Result	Actual Result	Status	Comments
Login/Signup page should be displayed	Working as expected	Pass	
Application should show below UI elements: a.email text box b.password text box c.Login button d. Sign in using google e. New customer? Create account link	Working as expected	Pass	
User should navigate to user account homepage	Working as expected	pass	
Application should show 'Incorrect credentials ' validation message.	Working as expected	Pass	

Application should show 'Incorrect credentials ' validation message.	Working as expected	Pass	
User should navigate to user account homepage	Working as expected	Pass	
Application should show below UI elements: a. username text box b. email text box c. password text box	Working as expected	Pass	
User should navigate to user account homepage and welcome mail should be received for the user	Working as expected	pass	
Application should show 'Password and confirm password are not same' validation message.	Working as expected	Pass	
Application should show 'Existing account ' validation message.	Working as expected	Pass	
User should navigate to user account homepage and welcome mail should be received for the user	Working as expected	Pass	

Home page should be displayed	Working as expected	Pass	
Home tab should be displayed in home page	Working as expected	Pass	
Analytics tab should be displayed in home page	Working as expected	Pass	
Predict Production tab should be displayed in home page	Working as expected	Pass	
Prediction History tab should be displayed in home page	Working as expected	Pass	
Recommendation System should be displayed in a new page	Working as expected	Pass	
User should be redirected to welcome page	Working as expected	Pass	

Predict Production tab should be displayed in home page	Working as expected	Pass	
Various charts are displayed upon clicking various numbers	Working as expected	Pass	
Predicted Production along with Estimated Production and result of profit/loss in displayed in the predict production tab.	Working as expected	Pass	
Predict Yield button is not displayed unless all values are specified	Working as expected	Pass	
Prediction History results are displayed in the Prediction History Tab	Working as expected	Pass	
Crop Recommendation System is displayed in a new page	Working as expected	Pass	

Crops are displayed in the crop recommendation page according to the user input	Working as expected	Pass	
Crops are displayed in the crop recommendation page according to the user input	Working as expected	Pass	
Crops are displayed in the crop recommendation page according to the user input	Working as expected	Pass	

TC for Automation(Y/N)	BUG ID	Executed By
Y		Perabathula Venkata Sita Maha Lakshmi
Y		Pradeep C J
Y		Praneshwar K
Y		Ragul J

Y		Perabathula Venkata Sita Maha Lakshmi
Y		Pradeep C J
Y		Perabathula Venkata Sita Maha Lakshmi
Y		Praneshwar K
Y		Ragul J
Y		Pradeep C J
Y		Praneshwar K

Y		Perabathula Venkata Sita Maha Lakshmi
Y		Pradeep C J
Y		Praneshwar K
Y		Ragul J
Y		Perabathula Venkata Sita Maha Lakshmi
Y		Pradeep C J
Y		Ragul J

Y		Praneshwar K
Y		Perabathula Venkata Sita Maha Lakshmi
Y		Pradeep C J
Y		Praneshwar K
Y		Perabathula Venkata Sita Maha Lakshmi
Y		Praneshwar K

Y		Perabathula Venkata Sita Maha Lakshmi
Y		Ragul J
Y		Perabathula Venkata Sita Maha Lakshmi

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Test Scenarios

Verify user is able to see the Login/Signup page when user clicked on Get Started Button in the Welcome page

Verify the UI elements in Login page

Verify user is able to log into application with Valid credentials

Verify user is able to log into application with Invalid credentials

Verify user is able to log into application with Invalid credentials

Verify user is able to log into application with google sign-on

Verify the UI elements in Signup page

Verify user is able to singup into application with Valid credentials

Verify user is able to signup into application with Invalid credentials

Verify user is able to signup into application with Invalid credentials

Verify user is able to signup into application with google sign-on

Verify user is able to see the Home page when user clicked on Get Started Button in the Welcome page w

User is able to see the Home tab when user clicked Get Started Button in welcome page/ clicked home tab

User is able to see the Analytics tab when user clicked Analytics tab in home page

User is able to see the Predict Production tab when user clicked Predict Production tab in home page

User is able to see the Prediction History tab when user clicked Prediction History tab in home page

User is able to see the Recommendation System when user clicked Crop Recommendation tab in home pa

User is able to logout when user clicked sign out tab in home page

User is able to see the Predict Production tab when user clicked Predict Yield Button in home tab in home

User is able to see various Analytic charts when user clicked various numbers in Analytics tab

User is able to predict output by giving inputs for prediction in predict production tab

User is not able to predict output unless he/she gives input to all fields in predict production tab

User is able to see the Prediction History when user clicked Prediction History tab in home page

User is able to see the Recommendation system when user clicked Crop Recommendation tab in home pa

User is able to see the Crops that are recommended for a district that the user has specified

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User is able to see the Crops that are recommended for a district and a season combined that the user has s

Filter

Verify user is able to filter by typing words into the search box

Verify user is able to see no matches found message when no results are matching with entered keyword

Verify user is able to see search detailed page when nothing entered in textbox