

| | | | | Date | 17-Nov-22 | | | | | | | | |
|---------------|--------------|-----------------|--|--|---|---|--|---------------------|--------|--|------------------------|--------|----------------------|
| | | | | Team ID | PNT2022TMD29629 | | | | | | | | |
| | | | | Project Name | Project – Estimate the Crop Yield Using Data Analytics | | | | | | | | |
| | | | | Maximum Marks | 4 marks | | | | | | | | |
| Test case ID | Feature Type | Component | Test Scenario | Pre-Requisite | Steps To Execute | Test Data | Expected Result | Actual Result | Status | Comments | TC for Automation(Y/N) | BUG ID | Executed By |
| Prediction_01 | WebPage | Prediction Page | Verify user is able to see the Prediction Page | Active server with frontend code for Prediction | 1.Enter Website URL 2.Search the URL 3.Display the Prediction Page to the user | https://127.0.0.1:5000 | Prediction Page will be display with the Process of Front end | Working as expected | Pass | User can view the Page and see the URL box and check button for the Prediction | No | -- | PNT2022TMD29629 Team |
| Prediction_02 | WebPage | Prediction Page | Verify the URL search Box to view the user | HTML Search Tag with the valid URL | 1.Enter the website URL 2.Search the URL 3.On webpage the URL box will be display | https://127.0.0.1:5000 | On Website Page the URL box will be display for the user to enter the URL to predict | Working as expected | Pass | user will enter the URL in the URL box to check whether it is safe or unsafe | YES | -- | PNT2022TMD29629 Team |
| Prediction_03 | Algorithm | Prediction Page | Check the algorithm in the backend | using logistic regression Algorithm model is tested and trained | 1.Enter URL(https://127.0.0.1:5000) and check 2.The Uri will redirect to the algorithm 3. Check the algorithm to the corresponding URL 4. Detect the Uri website safe and unsafe ratio 5. send back the URL algorithm to the webpage | URL www.google.com | As the algorithm ratio will be predicted | Worked as expected | Active | The heart of the commands is test and train model of the Algorithm | YES | -- | PNT2022TMD29629 Team |
| Prediction_04 | Prediction | Prediction Page | Check the URL Prediction safe or unsafe ratio | Algorithm with the html,css andPython to process the prediction | 1. Enter URL(http://127.0.0.1:5000/) and click the URL 2. Click the button redirect to the algorithm and predict it 3. The Prediction Ratio will be detected | URL(http://127.0.0.1:5000/) Website is 100% safe to use | Prediction of the URL will be display for the user it is safe or unsafe ratio | Working as expected | Active | The model will Predict the ratio and send the accuracy to the user for the security purpose | YES | -- | PNT2022TMD29629 Team |
| Prediction_05 | FrontEnd | Prediction Page | Verify the user for security reason to get popup while URL check | Corresponding Function call to alert the user security in the front end with javascript call | 1. Enter URL(https://google.com/) and check go 2. On check the Website will be display popup message 3. For user security and confirmation the popup will get confirmation | 127.0.0.1:5000 For your Protection and Security Reason-Confirm and click ok | When the user check the URL the popup security confirmation will be popup and intimate | Working as expected | Active | For user security the user want to allow the popup for confirmation purpose of safety | YES | -- | PNT2022TMD29629 Team |
| Prediction_06 | Functional | Prediction Page | Verify user is able to Continue after Prediction | Algorithm , FrontEnd,Prediction | 1. Enter URL(http://127.0.0.1:5000/) and check 2. Prediction will detect the Uri is safe or unsafe 3. After Prediction the Prediction pageshow still want to continue | Website is 100% safe to use... Continue | Prediction will show the Prediction ratio. After that the user still continue or not for the privacy purpose | Working as expected | Active | When the Prediction is Predicted the user want to continue or not by their own Privacy it is accesed by manual | NO | -- | PNT2022TMD29629 Team |