Test case ID	Feature Type	Component	Test Scenario
PredictionPage_TC_OO1	Functional	Home Page	Verify user is able to see the Prediction input page when user clicked on URL
PredictionPage_TC_OO2	UI	Home Page	Verify the UI elements in Prediction page
PredictionPage_TC_OO3	Functional	Home page	Verify user is able to predict the flight with the proper details
PredictionPage_TC_OO4	Functional	Home Page	Verify user is able to log into application with Invalid input
PredictionPage_TC_OO5	Functional	Home Page	Verify user is able to log into application with Invalid input
ResultPage_TC_OO1	UI	Result page	Verify user is able to view the predictde results

Date	
Team ID	
Project Name	
Maximum Marks	
Any Latest Browser	
Any Latest Browser	
Any Latest Browser	
Any Latest Browser	
Any Latest Browser	
Any Latest Browser	

15-Nov-22

PNT2022TMID15507

Project - Developing a Flight Delay Prediction Model using Machine Learning

4 marks

Steps To Execute
1.Enter URL and click go 2.Verify Prediction input displayed or not
1.Enter URL and click go 2.Verify Prediction page with below UI elements: a.Flight number b.Date c.Origin and Destination dropdown d.Flight Timings e.Prediction button
1.Enter URL and click go 2.Enter valid flight number 3.Enter Valid date 4.Enter valid origin and destination 5.Enter valid flight timings 6.Click predict
1.Enter URL and click go 2.Enter valid flight number 3.Enter Valid date 4.Enter valid origin and destination 5.Enter valid flight timings 6.Click predict
1.Enter URL and click go 2.Enter valid flight number 3.Enter Valid date 4.Enter valid origin and destination 5.Enter valid flight timings 6.Click predict
1.Enter URL and click go 2.Enter the correct input values 3.Click the predict button 4.View Results page

Test Data	Expected Result	Actual Result	Status
Flask App	Prediction input page should display	Working as expected	Pass
Flask App	Application should show below UI elements: a.Flight Number b.Date c.Origin and Destination dropdown d.Flight Timings e.Prediction button	Working as expected	Pass
Flight Number: 23587 Month: 12 Day: 12 Origin: ALT Destination: SEA Scheduled Dept Time: 1215 Actual Dept Time: 1236 Scheduled Arr Time: 1420	User should navigate to result page and input details are recieved properly	Working as expected	Pass
Flight Number: 23587 Month: 12 Day: 12 Origin: ALT Destination: ALT Scheduled Dept Time: 1215 Actual Dept Time: 1236 Scheduled Arr Time: 1420	Application should show 'origin and destination airport cant be same airport ' validation message.	Working as expected	Fail
Flight Number: 23587 Month: 14 Day: 12 Origin: ALT Destination: SEA Scheduled Dept Time: 1215 Actual Dept Time: 1236 Scheduled Arr Time: 1420	Application should show 'month value cant be more than 12 ' validation message.	Working as expected	Fail
Flight Number: 23587 Month: 12 Day: 12 Origin: ALT Destination: SEA Scheduled Dept Time: 1215 Actual Dept Time: 1236 Scheduled Arr Time: 1420	Application should show 'Flight is on time or Flight is delayed' message.	Working as expected	Pass

Commnets	TC for Automation(Y/N)	BUG ID	Executed By	
The origin airport and the destination airport cannot be the same				
The month value can't be more than 12				

1
2
3
4

Test Scenarios
Verify user is able to see home page
Verify user is able to input values or not?
Verify user has entered the correct values or not?
Verify user is able to view the result page