Test cases

Date	19 November 2022
Team ID	PNT2022TMID30209
Project Name	DEVELOPING A FLIGHT DELAY PREDICTION MODEL USING MACHINE LEARNING

Test case ID	Component	Test Scenario	Steps To Execute	Expected Result
1	Home Page		1. Click on sign up for login. 2. Email text box. 3. Password text box. 4. Login button. 5. Login with Google. 6. I am new here. 7. Forgot Password.	Application should show below UI elements: 1. Email text box 2. Password text box 3. Login button 4. Login with Google 5. I'm new here 6. Forgot Password
2	Home Page	Verify user is able to log into application with Valid credentials	1. Click on sign up for login. 2. Enter valid username/email in email text box. 3. Enter valid password in. password text box.	User should navigate to user account homepage

			4. Click on login button.	
3	Login Page	Verify user is able to log into application with invalid credentials	1. Click on sign up for login. 2. Enter Invalid username/email in email text box. 3. Enter valid password in the password text box. 4. Click on login button.	Application should show 'Incorrect email or password ' validation message.
4	Predication Page	To predict the flight is delayed or not	1. Click on prediction button. 2. Enter flight number. 3. Enter month. 4. Enter day of the month. 5. Enter day of the week. 6. Enter origin. 7. Enter destination. 8. Enter scheduled departure time. 9. Enter scheduled arrival time.	Application should show the flight is delayed or not

			10. Enter actual departure time. 11. Click submit button.	
5	Result page	It shows flight is delayed or not and shows the hotels, restaurants, and transportation facilities near the airports.	1. Enter all details in prediction page. 2. Click submit. 3. Show all hotels, restaurants, and transportation near to airports.	Application should show if the flight is delayed or not.