	Attrition Analysis Test Case									
TestCaseId	Component	Description/Test Summary	Pre-requisites	Test Steps	Test Data	Expected Result	Actual Result	Status	Test Executed By	
TID_1	Login Module	Verify that the login page is accessible and displays the necessary fields	Application is installed	Launch the application and go to the login page. Check for the presence of username and password fields.	N/A	Login fields are visible and accessible	Login fields are visible and accessible	Pass	Ganeshkrishna B	
TID_2	Login Module	Verify that a user can log in with valid credentials.	User has valid credentials	Enter valid username and password. Click on the login button.	Valid username and password	User is redirected to the dashboard	User is redirected to the dashboard	Pass	Ganeshkrishna B	
TID_3	Login Module	Verify that a user cannot log in with invalid credentials	User has invalid credentials	Enter invalid username and/or password.Click on the login button.	Invalid username and/or password	Error message is displayed	Error message is displayed	Pass	Ganeshkrishna B	
TID_4	User Registration	Verify that the registration page is accessible and displays required fields	Application is installed	Launch the application and go to the registration page. Check for the presence of necessary fields.	N/A	Registration fields are visible and accessible	Registration fields are visible and accessible	Pass	Ganeshkrishna B	
TID_5	User Registration	Verify that a user can register with valid information	User provides valid information	Fill out all required fields with valid information. Click on the register button.	Valid registration information	User is registered and redirected to the dashboard	User is registered and redirected to the dashboard	Pass	Ganeshkrishna B	
TID_6	User Registration	Verify that a user cannot register with incomplete information	User provides incomplete info	Fill out only some required fields or leave them blank.Click on the register button.	Incomplete registration information	Error message is displayed	Error message is displayed	Pass	Gopikrishna G	
TID_7	User Profile	Verify that user details are displayed correctly on the profile page	User is logged in	Go to the user profile page after logging in. Check if displayed details match the user's information.	User's profile information	User details on the page are accurate	User details on the page are accurate	Pass	Gopikrishna G	

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TID_8	User Profile	Verify that a user can edit and save changes to their profile information	User is logged in	Go to the user profile page after logging in. Click on the edit button	User's profile information	User details on the page are accurate	User details on the page are accurate	Pass	Gopikrishna G
TID_9	User Profile	Verify that a user cannot save changes with invalid data	User is logged in	Go to the user profile page after logging in. Click on the edit button		Invalid user profile information	Error message is displayed	Pass	Gopikrishna G
TID_10	Data Input	Verify that the system accepts valid data for analysis	User is logged in	Navigate to the data input section. Enter valid data for analysis. Click on the submit button.	Valid data for analysis	Data is accepted and stored for analysis	Data is accepted and stored for analysis	Pass	Hrishi Preetham GL
TID_11	Data Input	Verify that the system rejects incomplete data for analysis	User is logged in	Navigate to the data input section. Enter incomplete data for analysis. Click on the submit button.	Incomplete data for analysis	Error message is displayed	Error message is displayed	Pass	Hrishi Preetham GL
TID_12	Data Input	Verify that the system rejects invalid data for analysis	User is logged in	Navigate to the data input section. Enter invalid data for analysis. Click on the submit button.	Invalid data for analysis	Error message is displayed	Error message is displayed	Pass	Hrishi Preetham GL
TID_13	Report Generation	Verify that the system generates accurate reports based on input data	Valid data is available	Select specific parameters for the report generation. Click on the generate report button.	Selected report parameters	Accurate report is generated and displayed	Accurate report is generated and displayed	Pass	Hrishi Preetham GL
TID_14	Report Generation	Verify that the system displays an error message if no data is available	No valid data is available	Attempt to generate a report without valid input data. Click on the generate report button.	N/A	Error message is displayed	Error message is displayed	Pass	Hrishi Preetham GL

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TID_15	Report Generation	Verify that the generated report can be downloaded in different formats	1 '	Generate a report with valid parameters. Check for download options such as PDF, Excel, CSV etc.	Generated report	Report can be downloaded in multiple formats	Report can be downloaded in multiple formats	Pass	Hrishi Preetham GL
TID_16	Notification Module	Verify that employees can submit feedback through the system	Notification trigger event occurs	Trigger a critical event that requires a notification. Check the notification panel for the alert.		Notification is received and displayed in the panel	Notification is received and displayed in the panel	Pass	Hrishi Preetham GL
TID_17	Notification Module	Verify that the system does not send notifications for non-critical events	Non-critical event occurs	Trigger a non-critical event. Check the notification panel for any alert.		No notification is received and the panel is clear	No notification is received and the panel is clear	Pass	Hrishi Preetham GL
TID_18	Employee Feedback	Verify that employees can submit feedback through the system	Employee is logged in	Go to the feedback submission section. Enter feedback and submit. Check for submission success.	Feedback text	Feedback is submitted successfully	Feedback is submitted successfully	Pass	Harshith Pallapothu
TID_19	Employee Feedback	Verify that feedback form is pre- populated with previous feedback	Employee is logged in	Go to the feedback submission section. Check if previous feedback is pre-populated in the form.	1	Feedback form is pre-populated correctly	Feedback form is pre-populated correctly	Pass	Harshith Pallapothu
TID_20	Authentication Module	Verify that the system enforces strong password policies	User is registering or changing password	Attempt to set a weak password according to the policy. Check for error message or acceptance.		Error message is displayed if password is weak	Error message is displayed if password is weak	Pass	Harshith Pallapothu
TID_21	Authentication Module	Verify that the system locks the account after multiple failed login attempts		1 -	Multiple incorrect	Account is locked and user is informed about it	and user is informed	Pass	Harshith Pallapothu

TID_022	Predictive Analysis	Verify that the predictive analysis tool provides accurate predictions	Historical data is available	Provide historical data for analysis to the tool. Request predictions. Check the predicted results.	Historical data and prediction request	Predictions are accurate and match expected outcomes	Predictions are accurate and match expected outcomes	Pass	Ganeshkrishna B
TID_023	Predictive Analysis	Verify that the tool handles large datasets efficiently	Large dataset is provided	Provide a large dataset for analysis to the tool. Request predictions. Check if the tool responds within a reasonable time.	Large dataset and prediction request	Tool processes the data and provides predictions efficiently	Tool processes the data and provides predictions efficiently	Pass	Ganeshkrishna B
TID_024	External Market Analysis	Verify that the external market analysis tool fetches current market data	Internet connection is available	Trigger a request for current market data. Check if the tool fetches and displays the latest market data.	Internet connection and market data request	Latest market data is displayed correctly	Latest market data is displayed correctly	Pass	Gopikrishna G
TID_025	External Market Analysis	Verify that the tool provides detailed insights about market trends	Market data is available	Provide a specific market query. Check if the tool provides detailed insights and analysis for the query.	Market query	Detailed insights and analysis are provided	Detailed insights and analysis are provided	Pass	Gopikrishna G
TID_026	Data Backup and Restore	Verify that the system allows users to backup their data	User is logged in	Navigate to the data backup section. Click on the backup button. Check for backup completion message.	N/A	Data backup is completed successfully	Data backup is completed successfully	Pass	Harshith Pallapothu
TID_027	Data Backup and Restore	Verify that the system allows users to restore data from a backup	User has a backup file	Navigate to the data restore section. Upload a valid backup file. Check for restore completion message.	Valid backup file	Data is restored successfully from the backup	Data is restored successfully from the backup	Pass	Harshith Pallapothu
TID_028	Data Backup and Restore	Verify that the system displays an error message for invalid backup files	Invalid backup file is uploaded	Navigate to the data restore section. Upload an invalid or corrupted backup file. Check for error message.	Invalid backup file	Error message is displayed and data is not restored	Error message is displayed and data is not restored	Pass	Harshith Pallapothu

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TID_029	System Performance	Verify that the system responds within an acceptable time for user actions	System is operational	Perform various actions within the system. Measure the response time for each action. Compare with acceptable thresholds.	N/A	System responds within acceptable time for all actions	within acceptable	Pass	Gopikrishna G
TID_030	System Performance	Verify that the system can handle multiple user sessions simultaneously	Multiple user sessions are created	Simulate and create multiple user sessions. Perform actions concurrently in each session. Check for any system errors or slowdowns.	N/A	System functions smoothly without errors during concurrent sessions	System functions smoothly without errors during concurrent sessions	Pass	Gopikrishna G
TID_031	Network Connectivity	Verify the system behavior when network connection is stable	System is operational	Ensure stable internet connection is available.Perform various system actions.	Stable network	System functions smoothly without interruptions	System functions smoothly	Pass	Ganeshkrishna B
TID_032	Network Connectivity	Verify system response when network connection is unstable	System is operational	Introduce network fluctuations or simulate unstable connection. Attempt various system actions.	Unstable Network	System shows appropriate error messages for network issues	Error messages displayed	Pass	Ganeshkrishna B
TID_033	Destructive Testing	Verify system response to data corruption	System is operational	Introduce corrupted data into the system.Attempt to access the corrupted data.	Corrupted database records	System detects corruption and displays appropriate errors	Error messages displayed	Pass	Harshith Pallapothu
TID_034	Destructive Testing	Verify system response to a Denial of Service attack	System is operational	Simulate a DoS attack on the system by overwhelming it with traffic. Attempt to access the system during the attack.	Traffic overload on the system	System detects the attack and mitigates it by limiting incoming traffic	System response is limited and controlled	Pass	Harshith Pallapothu