

UTA Execution: Test Cases

Test Case ID	Feature Type	Component	Test Scenario	Pre-Req	Steps To Execute	Test Data	Expected Result	Actual Result	Status	Comments	TC for Automation(Y/N)	BUG ID	BUG resolution status	After bug resolution	Executed By
IntroPage_TC_001	Functional	Intro Page	Verify user is able to see the Login button and if it is functional	Install and setup visual studio code. Create a introduction page with a login button.	1. Enter URL and click go 2. Click on My Account dropdown button 3. Move to login page	http://127.0.0.1:5000/	The Home page with the login button should be displayed. Clicking on the login button take the user to the login page	Working as expected	PASS	The Login button is clear and legible to the user. The login button is functional.	Y				Sanjana Suresh Rose Mary C
LoginPage_TC_002	UI	Login Page	Verify the UI elements in Login Page.	Create login page with input boxes so the user may input details.	1. Enter URL 2. Click on login button 3. Verify login with below UI elements: a. Username text box b. password text box c. Login button d. Register now link	http://127.0.0.1:5000/login	Application should show below UI elements: a. username text box b. password text box c. Login button with orange colour d. Register now link	Working as expected	PASS	Login page has the necessary details. A recovery link could be added	Y				Sharanya N Vijay Adhira
LoginPage_TC_003	Functional	Login Page	Verify user is able to log into application with valid credentials	Create login page with input boxes so the user may input details. Connect the page with the database storing all users details	1. Enter URL(http://127.0.0.1:5000/login?) 2. Enter Valid username in username text box 3. Enter valid password in password text box 4. Click on login button	Username: rose password: 123	User should navigate Fill details page	Working as expected	PASS	Successfully created login page.	Y				Vijay Adhira Sharjanya Suresh
LoginPage_TC_004	Functional	Login page	Verify user is able to log into application with invalid credentials	Create login page with input boxes so the user may input details. Connect the page with the database storing all users details	1. Enter URL(http://127.0.0.1:5000/login?) 2. Enter Valid username in username text box 3. Enter invalid password in password text box 4. Click on login button	Username: rose password: 123456789	Application should show 'Incorrect Username or password' validation message.	Working as expected	PASS	Successfully created login page.	Y				Rose Mary C Sharanya N
LoginPage_TC_004	Functional	Login page	Verify user is able to log into application with invalid credentials	Create login page with input boxes so the user may input details. Connect the page with the database storing all users details	1. Enter URL(http://127.0.0.1:5000/login?) 2. Enter invalid username in username text box 3. Enter invalid password in password text box 4. Click on login button	Username: Rose cpoc password: 123456789	Application should show 'Incorrect Username or password' validation message.	Working as expected	PASS	Successfully created login page.	Y				Sanjana Suresh Rose Mary C
LoginPage_TC_005	Functional	Login page	Verify user is able to log into application with invalid credentials	Create login page with input boxes so the user may input details. Connect the page with the database storing all users details	1. Enter URL(http://127.0.0.1:5000/login?) 2. Enter Valid username in username text box 3. Enter Valid password in password text box 4. Click on login button	Username: Rose cpoc password: 123	Application should show 'Incorrect email or password' validation message.	Working as expected	PASS	Successfully created page.	Y				Sharanya N Vijay Adhira
LoginPage_TC_006	Functional	Login page	Verify user is able to enter the registration page on clicking the register now page.	Create login page with a link to the registration page.	1. Enter URL(http://127.0.0.1:5000/login?) 2. Click on Register now link	http://127.0.0.1:5000/register	User should be navigated to register page	Working as expected	PASS	Successfully created login page.	Y				Vijay Adhira Sharjanya Suresh
RegistrationPage_TC_007	UI	Registration Page	Verify the UI elements in Registration page.	Create Registration page with input boxes so the user may input details.	1. Enter URL(http://127.0.0.1:5000/register) 2. Verify login with below UI elements: a. Username text box b. Email ID text box c. Mobile number text box d. password text box e. Register button	http://127.0.0.1:5000/register	Application should show below UI elements: a. Username text box b. Email ID text box c. Mobile number text box d. password text box e. Register button	Working as expected	PASS	Registration page has the necessary details.	Y				Rose Mary C Sharanya N
RegistrationPage_TC_008	Functional	Registration Page	Verify if the user is able to enter details	Create Registration page with input boxes so the user may input details. Connect the page with the database storing all users details	1. Enter URL(http://127.0.0.1:5000/register) 2. Enter Valid username in username text box 3. Enter Valid email ID in email ID text box 4. Enter Valid mobile number in contacts text box 5. Enter valid password in password text box 6. Click on register button	Username: rose email ID: rose@gmail.com contact: 9898989898 password: 123	User should navigate to back to login page	Working as expected	PASS	Successfully created Registration page.	Y				Sanjana Suresh Rose Mary C
RegistrationPage_TC_009	Functional	Registration Page	Verify if the user is able to enter invalid emailID	Create Registration page with input boxes so the user may input details. Connect the page with the database storing all users details	1. Enter URL(http://127.0.0.1:5000/register) 2. Enter Valid username in username text box 3. Enter invalid email ID in email ID text box 4. Enter Valid mobile number in contacts text box 5. Enter valid password in password text box 6. Click on register button	Username: rose email ID: rose@gmail.com contact: 9898989898 password: 123	Enter a valid Email ID	Working as expected	PASS	Successfully created Registration page.	Y				Sharanya N Vijay Adhira
RegistrationPage_TC_0010	Functional	Registration Page	Verify if the user is able to enter invalid contact	Create Registration page with input boxes so the user may input details. Connect the page with the database storing all users details	1. Enter URL(http://127.0.0.1:5000/register) 2. Enter Valid username in username text box 3. Enter Valid email ID in email ID text box 4. Enter invalid mobile number in contacts text box 5. Enter valid password in password text box 6. Click on register button	Username: rose email ID: rose@gmail.com contact: 9898989898 password: 123	Enter a valid mobile number	Working as expected	PASS	Successfully created Registration page.	Y				Vijay Adhira Sharjanya Suresh
RegistrationPage_TC_0011	Functional	Registration Page	Verify if the user is able to enter invalid username	Create Registration page with input boxes so the user may input details. Connect the page with the database storing all users details	1. Enter URL(http://127.0.0.1:5000/register) 2. Enter invalid username in username text box 3. Enter Valid email ID in email ID text box 4. Enter Valid mobile number in contacts text box 5. Enter valid password in password text box 6. Click on register button	Username: 123456 email ID: rose@gmail.com contact: 9898989898 password: 123	Enter a valid username	Working as expected	PASS	Successfully created Registration page.	Y				Rose Mary C Sharanya N
FillDetailsPage_TC_0012	UI	Fill Details Page	Verify the UI elements in Fill details page.	Create Fill Details page with input boxes, dropdown boxes and radio buttons so the user may input details.	1. Enter URL(http://127.0.0.1:5000/predict) 2. Verify login with below UI elements: a. Registration year text box b. Registration Month text box c. Power of car in PS text box d. Clear type radio button e. Your car is repaired or damaged radio button f. Model Type dropdown g. Brand dropdown h. Fuel Type dropdown i. Vehicle type dropdown j. Submit button	http://127.0.0.1:5000/predict	Application should show below UI elements: a. Registration year text box b. Registration Month text box c. Power of car in PS text box d. Clear type radio button e. Your car is repaired or damaged radio button f. Model Type dropdown g. Brand dropdown h. Fuel Type dropdown i. Vehicle type dropdown j. Submit button	Working as expected	PASS	Fill Details page collects the necessary details.	Y				Sanjana Suresh Rose Mary C
FillDetailsPage_TC_0013	Functional	Fill Details Page	Verify if the user is able to enter Valid details	Create Fill Details page with input boxes, dropdown boxes and radio buttons so the user may input details.	1. Enter URL(http://127.0.0.1:5000/predict) 2. Enter Valid Registration year in text box 3. Enter Valid Registration Month in text box 4. Enter Valid Power of car in PS in text box 5. Enter Valid Kilometers driven in text box	Registration year : 2010 (numeric) Registration Month : 2 (numeric) Power of car in PS : 234 (numeric) Kilometers driven: 125000 (numeric)	User is navigated to prediction page	Working as expected	PASS	Successfully created fill details page.	Y				Sharanya N Vijay Adhira
FillDetailsPage_TC_0014	Functional	Fill Details Page	Verify if the user is able to enter Valid details	Create Fill Details page with input boxes, dropdown boxes and radio buttons so the user may input details.	1. Enter URL(http://127.0.0.1:5000/predict) 2. Enter Valid Registration year in text box 3. Enter invalid Registration Month in text box 4. Enter Valid Power of car in PS in text box 5. Enter Valid Kilometers driven in text box	Registration year : 2010 (numeric) Registration Month : february (numeric) Power of car in PS : 234 (numeric) Kilometers driven: 125000 (numeric)	Indicates to user to enter the month as a numeric	Internal server error	FAIL (now resolved)	Add a condition that informs the user of what is wrong	Y	BUG-1	Resolved	Test Passed	Vijay Adhira Sharjanya Suresh
FillDetailsPage_TC_0015	Functional	Fill Details Page	Verify if the user is able to submit details on clicking submit	Create Fill Details page for the user to input details and a submit button to submit the details.	1. Enter URL(http://127.0.0.1:5000/predict) 2. Enter Valid Registration year in text box 3. Enter invalid Registration Month in text box 4. Enter Valid Power of car in PS in text box 5. Enter Valid Kilometers driven in text box 6. click submit button	Registration year : 2010 (numeric) Registration Month : 2 (numeric) Power of car in PS : 234 (numeric) Kilometers driven: 125000 (numeric)	User is navigated to prediction page	Working as expected	PASS	Successfully created fill details page.	Y				Rose Mary C Sharanya N
PredictPage_TC_0016	UI	Predict Page	Verify the UI elements in Predict page.	Create predict page that displays the price of the used car based on the details provided by the user in fill details page	1. Enter URL(http://localhost:5000/y_predict?) 2. Verify with below UI elements: a. The predicted value displayed b. Logout link c. Predict again button	http://localhost:5000/y_predict?	The value predicted is displayed	Working as expected	PASS	Successfully created prediction page.	Y				Sanjana Suresh Rose Mary C
PredictPage_TC_0017	Functional	Predict Page	Verify if the predicted value is displayed	Create predict page that displays the price of the used car based on the details provided by the user in fill details page	1. Enter details correctly in fill details page 2. View the result produced	http://localhost:5000/y_predict?	The value predicted is displayed	Working as expected	PASS	Successfully created prediction page.	Y				Sharanya N Vijay Adhira
PredictPage_TC_0018	Functional	Predict Page	Verify if on clicking the predict now button the user is navigated to fill details page	Create predict page that displays the price of the used car based on the details provided by the user in fill details page	1. Enter details correctly in fill details page 2. View the result produced 3. Click on predict now button	http://localhost:5000/y_predict?	The user is navigated to fill details page	Working as expected	FAIL (now resolved)	The user was navigated to login page instead of fill details page	Y	BUG-2	Resolved	Test Passed	Vijay Adhira Sharjanya Suresh
LogoutPage_TC_0019	Functional	Logout Page	Verify if the user is navigated to the intro page on clicking logout	Create a introduction page	Click logout on the top right corner	http://127.0.0.1:5000/	The user is navigated to intro page	Working as expected	PASS	Successfully created prediction page.	Y				Rose Mary C Sharanya N

Test Scenarios	
1	Verify user is able to see the Login button and if it is functional.
2	Verify the UI elements in Login Page.
3	Verify user is able to log into application with Valid credentials.
4	Verify user is able to log into application with Invalid credentials.
5	Verify user is able to log into application with Invalid credentials.
6	Verify user is able to log into application with Invalid credentials.
7	Verify user is able to enter the registration page on clicking the register now page.
8	Verify the UI elements in Registration page.
9	Verify if the user is able to enter details.
10	Verify if the user is able to enter invalid email ID.
11	Verify if the user is able to enter invalid contact.
12	Verify if the user is able to enter invalid username.
13	Verify the UI elements in Fill details page.
14	Verify if the user is able to enter Valid details.
15	Verify if the user is able to enter Valid details.
16	Verify if the user is able to submit details on clicking submit.
17	Verify the UI elements in Predict page.
18	Verify if the predicted value is displayed.
19	Verify if on clicking the predict now button the user is navigated to fill details page.
20	Verify if the user is navigated to the intro page on clicking logout