Black Box Testing Plan

Test Case ID	Test Case Name	Test Description	Test Steps	Expected Results	Actual Results
Login101	Verify User login functionality.	Enable successful user login with the correct information.	1. Open Login Page 2. Enter name and valid password 3. Click Login	The home page with the user logged in should be visible. A search bar should also be enabled	
FuncSearch1	Enable the user search bar	The search bar should allow the user to type in a query and get data pertaining to the problem.	1. click into the search bar 2. enter the description 3. review the output and ensure that it is relevant to the question.	This should result in the data pertaining to the question being presented in a neat, formatted manner, and should completely answer the users query	
ExtractTop5	Present the results in a top 5 list.	The search bar when asked a question listing several answers should rank them in a series of top 5.	1. Click on the search bar. 2. search for a top 5 in the field diagram. 3. present the data in the valid format.	The expected result is that it presents the top 5 requirements in a list at the end of the search.	

CSVFile1	Download csv for data	The search should enable you to download data as a csv file, if needed.	1. Click on the search bar. 2. enter your search. 3. view the results. 4. click on the download option. 5. select the file type as csv. 6. click download.	This should enable the data in a csv formatted sheet, ready for the user.	
Logout102	Verify User logout functionality	Enable successful user logout	1. Click on the user icon. 2. click the logout button 3. click confirm logout	The user should be successfully logged out of the API.	
FuncSearch2	Validate Search input	Ensure that the search rejects invalid accepts valid input	1. click into the search bar. 2. Enter a query that doesn't factor in sports. 3. review the output.	The program should identify the error, report the type, and ask the user for a different input.	

Register1 01	Verify user registration	Enables successful user registration	1. open the main webpage 2. click signup 3. enter your details and password. 4. click signup. 5. view your details on the icon (top right)	A new user with new details should be successfully registered and should be logged in to access the webpage.	
Password Re101	Test password Reset	When a user forgets the password, allow them to reset it using their registration info.	1. go to the main webpage. 2. enter your mail address 3. click forgot password. 4. OTP sent to mail. 5. open the OTP and enter the code into the webpage. 6. enter a new password and re-enter. 7. click reset password.	When the password is successfully reset, the user should be logged in and a notification should be sent to the mail address verifying the same.	

FuncSearch3	Test Search Autocomplete Feature	When the user tries to search for something, the autocomplete feature should present suggestions that help the search.	1. log on to the main page. 2. click on the search bar. 3. start the search description 4. suggestions visible as tabs. 5. click on the suggestion to autofill the search.	When the user clicks on the suggestion as they type, the suggested data should be ready to view, and the page should present the data as expected.	
ExtractTop10	Expand the existing result list	This ensures that the results are not restricted to the top 5 when presented. And that they can present more if necessary.	1. click on the search bar. 2. ask for a prompt, which desires a list of information. 3. click on the expand button under the results. 4. more numbers in the list displayed.	The list should expand from 5 to 10 data points for the requested data.	