Documentation of Testing

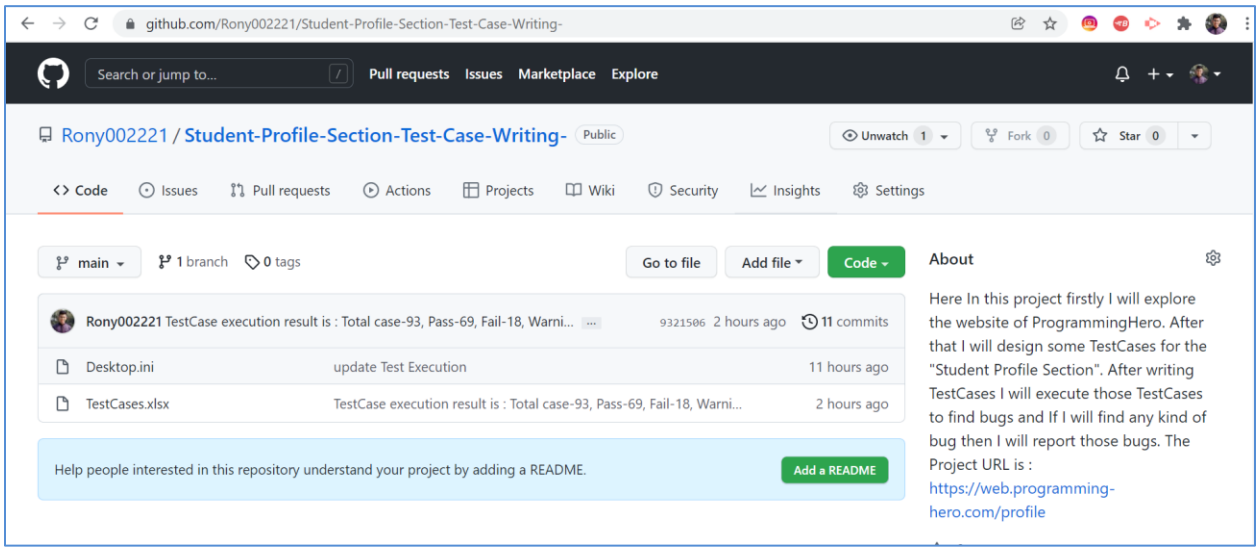
Final Report:

TEST CASE SUMMARY	
PASS	69
FAIL	18
WARNING	6
TOTAL TEST CASE	93

GitHub Project Link :

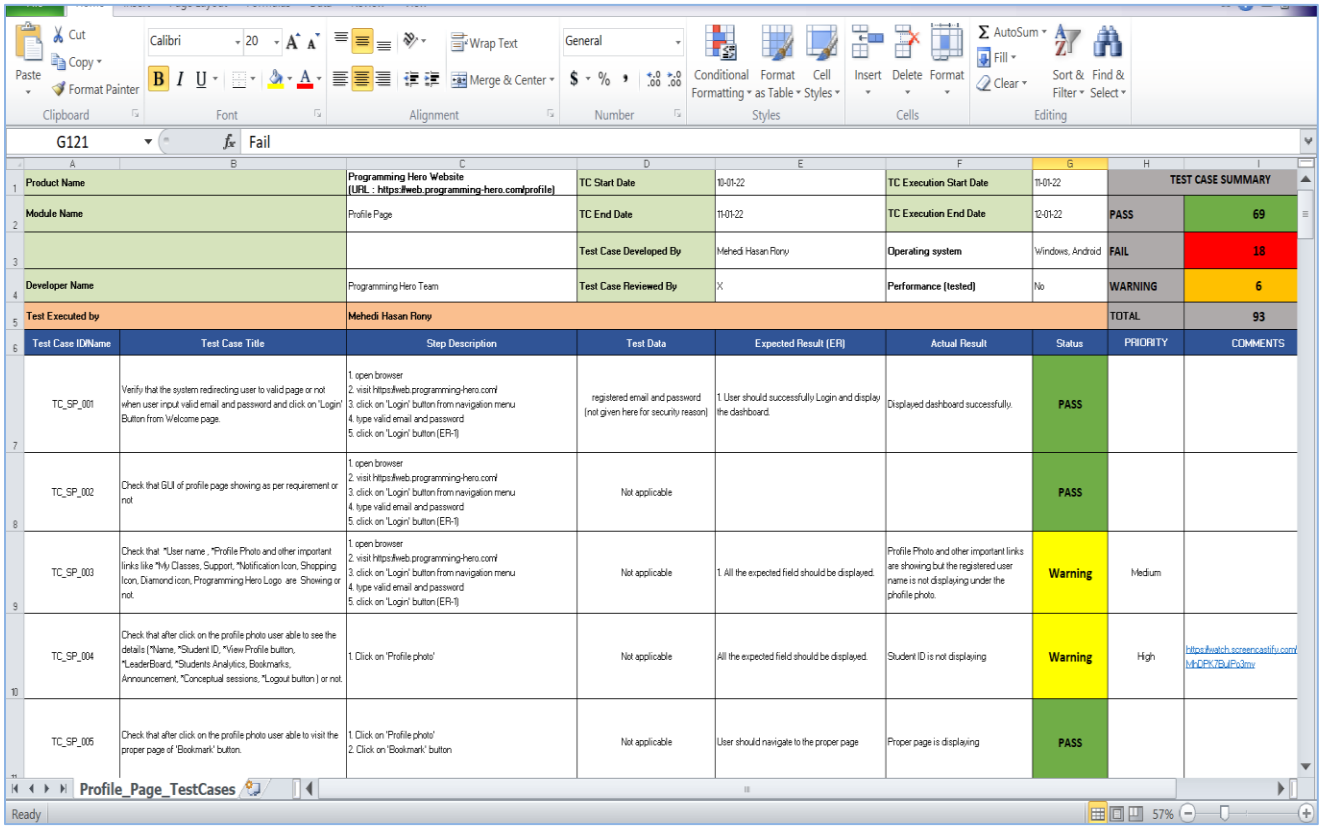
https://github.com/Rony002221/Student-Profile-Section-Test-Case-Writing-

Please visit this link to see all of my Test Cases.



Test Case prepared procedure:

1. Before design and writing the Test Cases I have explored the whole website again and again.
2. After that, I thought that how I will make Test Cases so that all the key features will cover. I strongly believe on that, designing Test Cases is more important than execute Test Cases. Cause I think, anyone can perform test but to execute smart testing we obviously need the quality and effective Test Cases.
3. Then I open MS-Excel and made a Test Case writing template.
4. Now this time I started to write Test Case ID, Test Case Title, Step Description, Test data, and Expected result.
5. When it's completed to write all the Test Cases then I started to execute and try to find bugs.
6. If I found any bug, I made a video clip or took screenshots as a proven document to give them to the Developer team in the future.



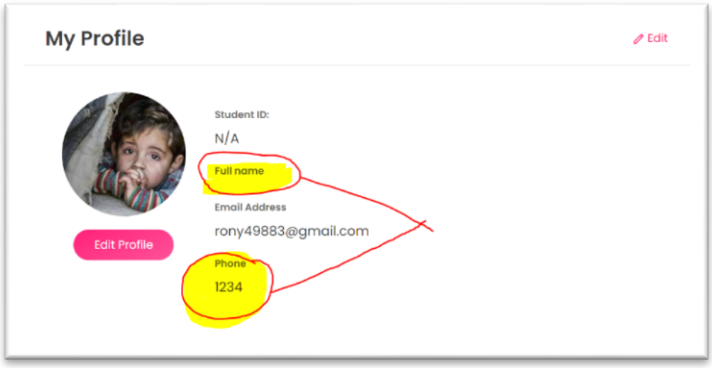
Product Name		Programming Hero Website (URL : https://web.programming-hero.com/profile)	TC Start Date	10-01-22	TC Execution Start Date	11-01-22	TEST CASE SUMMARY	
Module Name		Profile Page	TC End Date	11-01-22	TC Execution End Date	12-01-22	PASS	69
			Test Case Developed By	Mehedi Hasan Rony	Operating system	Windows, Android	FAIL	18
Developer Name		Programming Hero Team	Test Case Reviewed By	X	Performance (tested)	No	WARNING	6
Test Executed by		Mehedi Hasan Rony					TOTAL	93
Test Case ID\Name	Test Case Title	Step Description	Test Data	Expected Result (ER)	Actual Result	Status	PRIORITY	COMMENTS
TC_SP_001	Verify that the system redirecting user to valid page or not when user input valid email and password and click on 'Login' Button from Welcome page.	1. open browser 2. visit https://web.programming-hero.com/ 3. click on 'Login' button from navigation menu 4. type valid email and password 5. click on 'Login' button (ER-1)	registered email and password (not given here for security reason)	1. User should successfully Login and display the dashboard.	Displayed dashboard successfully.	PASS		
TC_SP_002	Check that GUI of profile page showing as per requirement or not	1. open browser 2. visit https://web.programming-hero.com/ 3. click on 'Login' button from navigation menu 4. type valid email and password 5. click on 'Login' button (ER-1)	Not applicable			PASS		
TC_SP_003	Check that *User name , *Profile Photo and other important links like *My Classes, Support, *Notification Icon, Shopping Icon, Diamond icon, Programming Hero Logo are Showing or not.	1. open browser 2. visit https://web.programming-hero.com/ 3. click on 'Login' button from navigation menu 4. type valid email and password 5. click on 'Login' button (ER-1)	Not applicable	1. All the expected field should be displayed.	Profile Photo and other important links are showing but the registered user name is not displaying under the phofile photo.	Warning	Medium	
TC_SP_004	Check that after click on the profile photo user able to see the details (*Name, *Student ID, *View Profile button, *LeaderBoard, *Students Analytics, Bookmarks, Announcement, *Conceptual sessions, *Logout button) or not.	1. Click on 'Profile photo'	Not applicable	All the expected field should be displayed.	Student ID is not displaying	Warning	High	https://watch.screencastify.com/MHDPK7EuPo3mv
TC_SP_005	Check that after click on the profile photo user able to visit the proper page of 'Bookmark' button.	1. Click on 'Profile photo' 2. Click on 'Bookmark' button	Not applicable	User should navigate to the proper page	Proper page is displaying	PASS		

Some of my opinions to improve the Website:

While testing this website I was found some critical bugs as well as some minor bugs. I think, immediately we have to fix up all the critical and major bugs so that in the future there will be no impact on this website. Again before adding more feature we obviously need to properly test them with Software Testers.

Top 3 Critical and major bugs which I found are,

1. In the profile edit section it accepts only spaces and special characters as a full name input data!
2. Again for mobile number it accepts invalid mobile number!



3. At the video playing time if the internet connection will suddenly disconnect and if restored the connection then error message should not be displayed continue. But the video was interrupted with showing error message which is really disturbing. Again if someone refresh the page then the video is automatically play from the 0 position.

I am very much interested to perform and execute API Testing, Database Testing, Security Testing, Performance Testing and many more testing for Programming Hero products if I will get the chance.

Thanks and Regards
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