Test Case

Date	15 November 2022
Team ID	PNT2022TMID41036
Project Name	Project - Real – Time Communication System Powered by AI for Specially Abled
Maximum Marks	10 Marks

Test case ID	Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Actual Result	Status	Comments	TC for Automation (Y/N)	HARDWARE CHANGE	SOFTWARE CHANGE
LoginPage_TC_001	Functional	Home Page	Verify user is able to see the homepage	Mozilla Firefox Browser	Enter URL in browser and click go	http://127.0.0.1:5000	Homepage should be displayed	Working as expected	Pass	Steps are clear to follow	NO	NA	LOW
LoginPage_TC_002	UI	Home Page	Verify the UI elements in homepage	Mozilla Firefox Browser	1.Enter URL and click go 2.Verify homepage with given UI elements - Reference,camera access display,Introduction to project	http://127.0.0.1:5000	Application should show below UI elements: a.Reference b.camera access display c.Introduction to project	Working as expected	Pass	Steps are clear to follow	NO	NA	MODERATE
LoginPage_TC_003	UI	Home page	Verify whether reference page is working	Mozilla Firefox Browser	1.Enter URL(http://127.0.0.1:5000) and click go 2.Click on reference button	http://127.0.0.1:5000	User should navigate to reference page where asl_alphabet image is displayed	working as expected	Pass	Steps are clear to follow	Yes	NA	MODRATE
LoginPage_TC_004	Functional	Home Page	Verify Camera access	Mozilla Firefox Browser,Web-Camera	1.Enter URL(http://127.0.0.1:5000) and click go 2.Click allow camera access	Allow camera access	Camera access is allowed and image is displayed	working as expected	Pass	Steps are clear to follow	Yes	NA	MODRATE
LoginPage_TC_004	Functional	Home Page	Gesture detection	Mozilla Firefox, CNN	1.Enter URL(http://127.0.0.1:5000) and click go 2.Click camera access 3.Image displayed 4.Detection of gesture occurs	Detection of gestures	Hand gestures needs to be detected and predicted	working as expected	Pass	Steps are clear to follow	Yes	NA	MODRATE
LoginPage_TC_005	Functional	Home page	Output prediction	CNN trained model	1.Enter URL(http://127.0.0.1:5000) and click go 2.Click camera access 3.Image displayed 4.Detection of gesture occurs 5.Output prediction	Predicted gestures	Hand gestures are detected and predicted ASL_alphabets are displayed	working as expected	Pass	Predicted output is displayed	Yes	NA	MODRATE