

Test Case ID	Test Case Summary	Related Requirement	Test Procedure	Test Data	Priority	Expected Result	Actual Result	Status	Remarks	Test Case Author	Executed By	Test Environment	Frequency
TC-0001	Check whether user can login with wrong password	User logging	1. GO to the application 2. Then goto Login page 3. Enter user email in the field 4.Enter wrong password in the password field	email:Raيدا password: 1111	High	1. proper error message will be displayed "The Username and/or password you entered does not match our records. Try again."				Mahmudul Islam Mahin		OS: Windows11 Server Info: Device Info: HP Laptop Browser: Chrome	0
TC-0002	Check if user can log in with blank password	Authentication & Authorization	1. Go to application 2. then go to Login page 3. Enter email. "xyz@gmail.com" 4.. Type nothing in the password field 5. Press "Continue" button	email: xyz@gmail.com	Medium	1. Application should show error message				Atik Shahriar Ovi		OS: Windows11 Server Info: Device Info: HP Laptop Browser: Chrome	0
TC-0003	Verify if users can log in with valid credentials	Authentication & Authorization	1.Open the application login page. 2.Enter valid username and password. 3.Click on the "Login" button.	email: xyz@gmail.com password: 7654321	High	Letting user enter the app. "Welcome to Our Sign Language app".				Atik Shahriar Ovi		OS: Windows11 Server Info: Device Info: HP Laptop Browser: Chrome	0
TC-0004	Check if "profile" button redirects to user dashboard	Authentication & Authorization	1. Open app 2. Enter user email 3. Enter password 4. Click on "Profile" button 5. Observe the page	email: xyz@gmail.com password: 7654321	High	Show user dashboard				Atik Shahriar Ovi		OS: Windows11 Server Info: Device Info: HP Laptop Browser: Chrome	0
TC-0005	Check if "Dictionary" button is functional	Dictionary Feature	1. Go to app 2. Click on "Dictionary" button		Medium	Should show "Dictionary" page				Atik Shahriar Ovi		OS: Windows11 Server Info: Device Info: HP Laptop Browser: Chrome	0
TC-0006	Verify that the input text box displays a placeholder such as "Search a word..." when empty.	Dictionary Feature	1.Go to app 2. Click "Dictionary" option 3. Look into searchbox		Low					Atik Shahriar Ovi		OS: Windows11 Server Info: Device Info: HP Laptop Browser: Chrome	0
TC-0007	Verify video of sign language is displayed	Sign language video	1.Go to app 2. Click "Dictionary" option 3. Select a keyword e.g.- "ABHOR"	"ABHOR"	High					Atik Shahriar Ovi		OS: Windows11 Server Info: Device Info: HP Laptop Browser: Chrome	0
TC-0008	Check if "Quiz" button is functional	Quiz Module	1.Go to app 2. Click "Quiz" option		Medium					Atik Shahriar Ovi		OS: Windows11 Server Info: Device Info: HP Laptop Browser: Chrome	0
TC-0009	Verify if wrong answer in "Demo quiz" section gives incorrect message	Demo quiz feature	1.Go to app 2. Click "Quiz" option 3. CLick "Start Demo quiz" 4.Select an answer ASL based on the video being displayed	"ASL"	High	Wrong answer				Atik Shahriar Ovi		OS: Windows11 Server Info: Device Info: HP Laptop Browser: Chrome	0
TC-0010	Check if correct answer shows proper message	Demo quiz feature	1.Go to app 2. Click "Quiz" option 3. CLick "Start Demo quiz" 4.Select an answer : "SHEEP" based on the video being displayed	"SHEEP"	High					Atik Shahriar Ovi		OS: Windows11 Server Info: Device Info: HP Laptop Browser: Chrome	0
TC-0011	Validate giving correct answer increase score	Demo quiz feature	1.Go to app 2. Click "Quiz" option 3. CLick "Start Demo quiz" 4.Select an answer : "SHEEP" based on the video being displayed 5.Observe the score	"SHEEP"	High					Atik Shahriar Ovi		OS: Windows11 Server Info: Device Info: HP Laptop Browser: Chrome	0
TC-0012	Verify giving wrong answer does not increase score	Demo quiz feature	1.Go to app 2. Click "Quiz" option 3. CLick "Start Demo quiz" 4.Select an answer : "ASL" based on the video being displayed 5. Observe the score	"ASL"	High					Atik Shahriar Ovi		OS: Windows11 Server Info: Device Info: HP Laptop Browser: Chrome	0
TC-0013	Verify if SQL injection doesn't execute any code	User logging	1.Open the application login page. 2.Enter valid username 3. In password field, type SQL injection 3.Click on the "Continue" button.	"<script>alert('test')</script>"	High					Atik Shahriar Ovi		OS: Windows11 Server Info: Device Info: HP Laptop Browser: Chrome	
TC-0014	Verify login fails with unregistered email	Authentication & Authorization	Go to the application Navigate to Login page Enter unregistered email in the username field Enter any password in the password field	username: unknown@example.com password: anypassword	High					Mahmudul Islam Mahin		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0015	Verify password masking in login field	Authentication & Authorization	Click the "Login" button. Go to the login page Focus on the password input field Type a sample password Observe if the characters are masked Go to the login page	password: anypass123	High					Atik Shahriar Ovi		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0016	Verify "Remember me" functionality persists session	Authentication & Authorization	Enter valid credentials Select the "Remember me" checkbox Login and close the browser Reopen browser and access application	username: remember@example.com password: test123	Medium					Mahmudul Islam Mahin		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0017	Verify camera permission prompt on initial load	ASL Gesture Recognition	Open the application in a new browser session Observe the camera access request from the browser/system		High	Camera permission prompt is shown on first load				Hasin Mahtab Alvee		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0018	Verify ASL gesture "Hello" is recognized correctly	ASL Gesture Recognition	Launch the application and grant camera access Perform the "Hello" gesture in front of the camera Observe if the output displays "Hello"	Gesture: ASL "Hello"	High	"Hello" appears in the output area.				Hasin Mahtab Alvee		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0019	Verify ASL gesture "Thank you" is recognized correctly	ASL Gesture Recognition	Open the application and allow camera access Show the "Thank you" sign Verify the display shows the correct word Perform a valid gesture in the app	Gesture: ASL "Thank you"	High	"Thank you" appears in the output area.				Hasin Mahtab Alvee		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0020	Verify gesture detection continues after switching tabs	ASL Gesture Recognition	Switch to another tab and return Perform another gesture Verify detection continues without interruption	Gesture: ASL "Hello" --> "Thanks"	Low	Gestures are detected and recognized normally a				Hasin Mahtab Alvee		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0021	Verify app displays error if camera access is denied	ASL Gesture Recognition	Launch the app Deny camera permission when prompted Observe if a proper error message is shown	Camera permission: Denied	Medium	User sees an error message like "Camera access				Hasin Mahtab Alvee		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0022	Verify multiple gestures in sequence are detected correctly	ASL Gesture Recognition	Show three different gestures in sequence Observe the detection order and results	Sequence: "Hello" --> "Thank you" --> "Lc	Medium	All performed gestures appear in order in the out				Hasin Mahtab Alvee		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0023	Verify duplicate gestures don't spam the output area	ASL Gesture Recognition	Hold one gesture (e.g., "Hello") for 10 seconds Confirm the output is displayed once without spam	Gesture: "Hello"	Medium	Duplicate gesture is either ignored or appears on				Hasin Mahtab Alvee		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0024	Verify lessons are listed in ascending order	Learning Module	Navigate to the Lessons page Check the order of lesson titles/numbers		Medium	Lessons are displayed as Lesson 1, Lesson 2, Le				Mahmudul Islam Mahin		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0025	Verify lesson content loads correctly upon selection	Learning Module	Click on a specific lesson from the list Ensure content (video/text/images) loads without e	Selected lesson: Lesson 3	Medium	Video, text, and images relevant to the lesson are				Mahmudul Islam Mahin		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0026	Verify lesson videos play without buffering	Learning Module	Open a lesson with video content Play the video Monitor for smooth playback		Medium	Video plays smoothly with minimal or no buffering				Mahmudul Islam Mahin		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0

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TC-0027	Verify lesson completion is marked properly	Learning Module	Complete a lesson Return to the lesson list Verify it's marked as completed	Completed lesson: Lesson 2 Marker: Green checkmark	High	A completed lesson shows a checkmark or "Completed"				Mahmudul Islam Mahin		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0028	Verify "Start Lesson" button redirects correctly	Learning Module	Click "Start Lesson" Confirm redirection to the selected lesson's page		High	User is redirected to the selected lesson page when clicking "Start Lesson"				Mahmudul Islam Mahin		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0029	Verify progress bar updates as lessons complete	Learning Module	Complete multiple lessons Observe progress bar for accuracy		High	Progress bar increases appropriately as each lesson is completed				Mahmudul Islam Mahin		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0030	Verify completed lessons are saved per user	Learning Module	Log in and complete a lesson Log out and back in Verify completion status persists		High	On login, previously completed lessons are still marked as completed				Mahmudul Islam Mahin		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0031	Verify lesson images and ASL signs load properly	Learning Module	Open any lesson Verify all related images and ASL sign videos are visible	Lesson: Lesson 3	Medium	All images and ASL signs appear correctly; no broken links				Mahmudul Islam Mahin		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0032	Verify lesson accessibility without login is restricted	Learning Module	Open lesson URL in incognito mode Confirm redirection to login page		High	User is redirected to login or sees a "Login required" message				Mahmudul Islam Mahin		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0033	Verify bookmarks on lessons are saved and loaded	Learning Module	Bookmark a lesson Refresh page or log out/in Verify bookmark persists		Low	Bookmarked lessons are visible in the user's dashboard				Mahmudul Islam Mahin		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0034	Verify next/previous lesson navigation works	Learning Module	Test Procedure: Go to a lesson Click "Next" or "Previous" Confirm navigation is sequential	Current lesson: Lesson 2	High	Clicking "Next" or "Previous" moves the user to the next/previous lesson				Mahmudul Islam Mahin		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0035	Verify user cannot skip to future lessons	Learning Module	Attempt to open Lesson 5 directly Confirm redirection or warning if previous lessons not completed		High	Attempt to access future (locked) lessons results in an error or warning				Mahmudul Islam Mahin		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0036	Verify quiz loads questions from selected lesson	Quiz Module	Go to a lesson and start its quiz Check if questions are related to that lesson		High	All quiz questions correspond to the selected lesson				Hasin Mahtab Alvee		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0037	Verify quiz options are clickable	Quiz Module	Start a quiz from any lesson Click each option for a question Ensure only one option can be selected and is highlighted		High	All answer options are interactive and selectable				Hasin Mahtab Alvee		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0038	Verify correct answer increments score	Quiz Module	Select a correct answer during the quiz Submit the answer Check if the score increases		High	Score increases by predefined value (e.g., +1) for correct answers				Hasin Mahtab Alvee		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0039	Verify incorrect answer shows explanation	Quiz Module	Select a wrong answer Submit and verify explanation is shown below the question		Low	A message like "Incorrect – The correct answer is..." is displayed				Hasin Mahtab Alvee		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0040	Verify final score is displayed at the end of quiz	Quiz Module	Complete a quiz Observe the final score screen		High	Final quiz score (e.g., 6/10) is shown along with a percentage				Hasin Mahtab Alvee		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0041	Verify "Retake Quiz" resets state	Quiz Module	Complete a quiz Click "Retake Quiz" Ensure score, selections, and explanations are cleared		Medium	All previous answers are cleared; quiz restarts from the beginning				Hasin Mahtab Alvee		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0042	Verify user can't submit without selecting an answer	Quiz Module	Start a quiz Click submit without choosing any option Confirm that submission is disabled or shows warning		High	Submit button is disabled or gives an alert if no option is selected				Hasin Mahtab Alvee		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0043	Verify result is stored in user profile	Quiz Module	Complete a quiz Go to user profile or progress page Check if score is saved and displayed		High	Quiz score and completion date are visible in the user profile				Hasin Mahtab Alvee		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0044	Verify question images load correctly	Quiz Module	Open a quiz with image-based questions Check all images are visible and relevant Test Data:		High	All images in quiz questions load properly with no broken links				Hasin Mahtab Alvee		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0045	Verify disabled submit button until option is selected	Quiz Module	Start a quiz Observe that the submit button is disabled initially Select an option → Button should become active		Medium	Submit button remains disabled until an answer option is selected				Hasin Mahtab Alvee		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0046	Verify answer selection highlights visually	Quiz Module	Click an answer option Check that it gets visually highlighted (e.g., border or color)		Medium	Selected answer is visibly highlighted (e.g., with a background color)				Hasin Mahtab Alvee		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-00547	Verify ASL signs are listed alphabetically	Dictionary Feature	Open dictionary section Check the order of ASL signs listed		Medium	Dictionary or list of signs appears in alphabetical order				Mahmudul Islam Mahin		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0048	Verify search bar filters signs in real-time	Dictionary Feature	Type a few characters in the dictionary search bar Observe filtered results update instantly		Medium	As the user types in the search bar, results are filtered in real-time				Mahmudul Islam Mahin		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0049	Verify selecting a sign shows video + meaning	Dictionary Feature	Click on any sign in the dictionary Check that the sign's video and definition are displayed		High	Clicking on a sign shows its video demonstration and meaning				Mahmudul Islam Mahin		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0050	Verify images or icons for signs display correctly	Dictionary Feature	Scroll through the dictionary Ensure all sign entries have icons or preview images		High	All images/icons associated with signs appear with high quality				Mahmudul Islam Mahin		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0
TC-0051	Verify newly added words show in dictionary immediately	Dictionary Feature	Add a new sign from admin panel Open dictionary page Confirm the new sign is visible at the correct position		Low	New entries added to the sign dictionary are visible upon refresh or next visit.				Mahmudul Islam Mahin		OS: Windows11 Server Info: Device Info: Dell Laptop Browser: Chrome	0