User Key	User Story	Test Key	Test	SubTest	Test Steps	Expected Result	Actual Result	Pass/ Fail
LTA-118	As a customer, I want to be informed if the file I upload exceeds the size limit, so that I can upload a smaller file or take appropriate action.	LTA-160	Verify File Upload Size Limit and Error Handling	Confirm that the system supports file uploads up to the specified size limit (e.g., 20 MB). Test uploading files larger than the size limit and verify that an error message is displayed. Ensure the error message is clear and instructs the user on the file size limit.	Browse -> upload mp3 > 20MB	Should throw an error message when file is uploaded more than 20MB.	An error message is displayed if tried to upload a file greater than 20MB.	PASS
LTA-116	As a student, I want to see an error message when I upload an unsupported file type, so that I am informed about the file type restrictions and can take corrective action.	LTA-161	Verify Error Message for Unsupported File Types	Test uploading an unsupported file type and verify that an error message appears. Ensure the error message clearly specifies the supported file types. Check the error message format and clarity to ensure users can easily understand the restrictions.	Browse -> upload mp4, doc	Should throw an error message for unsupported file types.	An error message is displayed if mp3 or other unsupported file types are uploaded.	PASS
LTA-127	As a teacher, I want to quickly copy the translated text, so that I can paste it into other applications.	LTA-162	Verify Copy Functionality for Translated Text	Ensure a copy button is available next to the translated text. Verify that clicking the copy button copies the translated text to the clipboard. Check that a confirmation message (e.g., "Text copied") appears when the button is clicked.	Browse -> upload mp3 file > click Translate > click 'copy' icon	Text should be copied to clipboard. Should be able to paste the copied text	Text is copied to clipboard notifying the user. Able to paste the copied text on a notepad.	PASS
LTA-119	As a diplomat, I want to have a "Microphone" button, so that I can record my voice input for translation without typing.	LTA-166	Verify Microphone Button Functionality for Voice Input	Ensure the "Microphone" button is available for starting voice recording. Verify that clicking the "Microphone" button starts recording the user's audio input. Confirm that clicking the button again or reaching a time limit stops the recording.	Click on microphone icon	The "Microphone" button should be visible and accessible to the user for starting voice recording. Clicking should initiate the recording process, capturing the user's audio input. Clicking again or reaching a predefined time limit should stop the recording process.	The "Microphone" button should be visible and accessible to the user for starting voice recording. Clicking should initiate the recording process, capturing the user's audio input. Clicking again or reaching a predefined time limit should stop the recording process.	PASS
LTA-120	As a doctor, I want the system to accurately translate my recorded audio into another language, so that I can understand the content in a different language.	LTA-172	Verify "Audio Translation" Functionality	Ensure the system processes the recorded audio and translates it into the selected target language. Verify that the translation is displayed after the processing is completed. Check that the translation accurately reflects the meaning of the original audio input.	Browse -> upload mp3 -> click 'translate'	The system should process the audio input, and display the translated text.	The system processes audio input and displays as translated text successfully.	PASS
LTA-122	As a elderly user, I want to see visual indicator during the audio recording, so that I know when my voice is being recorded.	LTA-159	Verify Visual Indicator for Audio Recording	Ensure a visual indicator (e.g., blinking icon or sound wave animation) is displayed during the audio recording process. Confirm that the indicator stops when the recording is finished or cancelled.	Click on microphone icon	Should be able to see a visual red indicator when clicked on the microphone icon. Verify that the microphone icon reappears when the recording is stopped or canceled, transitioning back from the red indicator.	A red indicator is displayed when clicked on the microphone icon. The microphone icon reappeared when the recording was stopped or cancelled, transitioning back as expected.	PASS

				Test the responsiveness of the indicator to start and stop with the recording process.				
LTA-129	As a patient, I want to download the translated text in different file formats (e.g., .txt, .docx), so that I can choose the format that best suits my needs.	LTA-169	Verify File Format Download for Translated Text	Ensure the system provides download options for formats such as .txt and .docx. Verify that clicking the download button generates the translated content in the selected format. Confirm that the content in the downloaded file matches the translated text (correct format and no data loss).	Browse -> upload mp3 file > click Translate > click 'download' icon	When download icon clicked, a .txt file should be generated.	When download icon is clicked, the .txt file is generated.	PASS
LTA-128	As a working professional, I want a "Download" button next to the translated text, so that I can download and save the translated content for future use.	LTA-170	Verify "Download" Button Functionality	Ensure the "Download" button is displayed next to the translated text. Verify that clicking the "Download" button triggers the download of the translated content. Check that the downloaded content matches the translated text exactly.	Browse -> upload mp3 file > click Translate > click 'download' icon > open the downloaded .txt file	The .txt file should contain both the transcribed and translated text.	The .txt contains both text as expected.	PASS
LTA-149	As a team member, I would update the wiki page with our current deliverable so that customers can checkout our current progress for this sprint	LTA-173	Check updated wiki page	Test all updated links and if able to download in the required formats such as .xslx, .docs and .mp4	Wiki link -> click all updated links	All links should allow function as required.	All links are functioning as expected.	PASS
LTA-137	As a frequent user, I want to access my profile and settings through dropdown menus on the right side of the header, so that I can manage my account and customize my preferences easily.	LTA-168	Verify Profile and Settings Dropdown Menus	Ensure the "My Profile" dropdown is available on the right side, providing access to user profile details. Verify the "Settings" dropdown is present on the right side, offering options such as language and theme settings. Confirm that dropdown menus expand when clicked and collapse when not in use.	Browse > upload mp3 file > Translate > Control + Shift + I (developer's tool)	Profile dropdown and settings dropdown should be visible for user to access his profile. It should display correctly across all dimensions when responsive	Profile dropdown and settings dropdown are showing for user to access his profile	Pass
		LTA-174	Testing Task: Test the responsiveness of dropdown menus across different screen dimensions	Ensure the menu dropdown is displayed correctly and functions as expected across all screen dimensions when in responsive mode. Verify that the dropdown content is fully accessible and that there are no visual or functional issues at various screen sizes, including desktop, tablet, and mobile views.	Browse > upload mp3 file > Translate > Control + Shift + I (developer's tool) Try different screen dimensions to check the dropdown functionality	The menu dropdown should display correctly and function seamlessly across all screen dimensions when in responsive mode. It should be fully accessible and free of visual or functional issues on desktop, tablet, and mobile views.	The dropdown displays correctly and the feature is working, but it is not responsive to different screen dimensions.	Passl
LTA-134	As a student, I want to mark a translation as a favorite by clicking a star icon, so that I can easily identify and access important translations later.	LTA-185	Verify Star Icon Presence	Verify icon is displayed for each translation Ensure clicking the icon marks the translation as favorite. Ensure clicking the icon again unmarks the translation as favorite.	Translate text >	The star icon should visually change when click on it to indicate the translation is marked as a favorite and reverts when click a second time to unmark the translation.	Star icon is visible after translation.	Pass

				Ensure there is a clearly visible "Favorites" section accessible from the main page or menu. Verify Favorites Section Accessibility	Click the star icon ->Locate the "Favorites" section in the UI.	.	Translations marked as favorite appeared in the favorite section and are remove once unmarked.	
LTA-177	A dedicated "Favorite" section should clearly visible and accessible and the translation marked as favorite appears in that section.	LTA-187	Verify Presence of User Manual	Ensure that the user manual is prominently visible in the project's GitHub repository and can be easily downloaded. Verify that the user manual includes clear, concise, and step-by-step instructions for each feature of the application.	Open the web browser- > Go to the project's GitHub repository- > User manual	A "User Manual" section or link should be clearly visible and accessible in the project GitHub repository.	User Manual is visible and provides instruction for each feature.	Pass
LTA-180	As a language learner, I want to be able to contact the developers so that I can resolve any issues I encounter with the app.	LTA-190	Verify that the help button is visible.	Ensure that help icon is visible in the header of the website. Ensure customer support contact options are available (e.g., email)	Open application> Locate the help button.	Help button should be visible from the header of the website, and customer support contact options should also be available.	Help button is visible, and customer support options are available.	Pass
LTA-138	As an admin, I want to configure the Firebase database by following the provided UML diagram, so that the database aligns with the system's requirements and functions efficiently.	LTA-171	Verify Database connection.	Ensure the Firebase database structure matches the provided UML diagram. Ensure that entities and relationships are set up as per the UML diagram. Test Create, Read, Update, and Delete operations.	Open project in the Firebase Console. Go to Database > Data. Add, edit, or delete entries and verify real-time updates in the application.	The Firebase database collections and documents should align exactly with the UML diagram.	Database is configured as per provided UML diagram.	Pass
LTA-131	As a multilinguistic, I want all my past translations to be saved so that I can access my full translation history at any time.	LTA-165	Verify Translation Auto-Save Functionality.	Confirm that translations are saved automatically after being generated. Ensure users can view their full translation history in the dedicated section. Ensure translations are displayed in chronological order.	Generate a translation > Navigate to the "Translation History" section	The system should automatically save all translations made by the user.	Translations are saved and displayed in chronological order, with the most recent at the top.	Pass
LTA-134	As a professional, I want to delete the translations from the history section so that others may not be able to see my translations.	LTA-183	Verify Delete Button Presence in "Translation History"	Ensure each translation has a delete button. Ensure deleted translations cannot be restored.	Navigate to the Translation History section > Click clear history.	Past translations should be deleted when clicking on clear history button. Translations should permanently remove from the history section.	Translations are deleted and cannot be restored.	Pass
LTA-135	As a accountant, I want to be able to reuse my past translations, so that I can revisit previous translations without re-entering the same text.	LTA-163	Verify Translation History Visibility	Ensure the list of past translations is visible. Ensure smooth reuse of translations.	Navigate to the Translation History section > Check for the presence of a list of past translations.	A list of past translations should be displayed in the Translation History section. The selected translation should remain available and can be reused after logging back in.	List of past translations is displayed, and translations can be reused.	Pass
LTA-126	As a Student, I want a dropdown menu for selecting the output language, so that I can receive translations in any language of my choice.	LTA-	Verify Dropdown Language List	Ensure the dropdown is visible.	Open the dropdown menu > Verify that it displays a list of available languages.	The dropdown should display a list of languages available for selection.	A list of languages is displayed.	Pass

User Story ID	User Story	Test Case ID	Test Case Title	Description	Test Steps	Expected Result	Actual Result	Status
				Check the available languages. Ensure the user can select any language from the list as the output language.				
LTA-179	As a language learner I want to translate the output into the language selected from a dropdown, so that I can easily get translations in my preferred language.	LTA-189	Verify Output Translation	Ensure output translation matches selected language.	Select a language > Enter text in the input field > Perform a translation.	The output text should translate into the selected language and displayed in the output field.	The output text is translated into the selected language and displayed in the output field..	Pass
LTA-132	As a professor, I want a toggle button to switch between light and dark modes, so that I can change the interface based on my preference.	LTA-186	Verify Theme mode	Ensure a toggle button is available to switch between light and dark modes. Ensure that clicking the button immediately changes the interface colors according to the selected mode.	Open the application > Theme Mode	Interface colors should change according to the selected mode.	Interface can be changed between light and dark modes	Pass
LTA-124	As a Lawyer I want to be informed if my audio recording exceeds a certain time limit, so that I can manage the length of my input and avoid losing the recording.	LTA-167	Verify audio recording time limit.	Ensure that an error message or notification is shown if the user exceeds the recording limit.	Click on microphone icon -> Start recording	An error message should appear when recording time limit is exceeded.	Error message is not displayed when time limit is exceeded.	Pass
LTA-180	As a student want to log in with valid credentials or create an account if I'm new, so that I can securely access my personalized data.	LTA-184	Verify login button	Ensure users can register for a new account by providing an email and password. Ensure that a new account cannot be created if user is trying to use an email that is already associated with an existed account.	Click on login button -> Or click on sign up button	New user should be able to create an account. Existing users should be able to log into their account using their email and password.	Users can create an account and then login to their account after. New account cannot be created with existing email address.	Pass
LTA-175	As a new developer, I want to set up my development environment, so that I can extend functionalities in future.	LTA-188	Verify the deployment and Installation manual	Ensure that installation manual is visible, includes system requirements and software dependencies, and has detailed instructions on setting up environment variables and configuration files.	Open a web browser-> Go to the project's GitHub->Deployment and installation manual.	The installation manual should be clearly visible in the project's GitHub repository and must include a comprehensive list of all necessary system requirements	Installation manual is visible and includes all necessary detailed.	Pass