PSG COLLEGE OF TECHNOLOGY – COIMBATORE

DEPARTMENT OF BE COMPUTER SCIENCE ENGINEERING

23Z411 – APPLICATION DEVELOPMENT LABORATORY

An online system to automatically verify new

title submissions by checking for similarities with existing titles.

Table of Test Cases

TEAM NUMBER: 9

TEAM MEMBERS:

HARISH KARTHIC R   23Z324

MADHAN KJ   23Z340

SIBIDEV RR   23Z367

#	Title	
#	**TS1**	
Title	Verify "User Signup" functionality	
Description	To test the different scenarios that might arise when a user is trying to login	

#	SUMMARY	DEPENDENCY	PRE-CONDITION	POST-CONDITION	EXECUTION STEPS	EXPECTED OUTPUT	ACTUAL OUTPUT
TC 1	Verify that a new user can successfully sign up with valid details	N/A	User must have internet access, a valid email, and unique credentials	Account is created and user is prompted to verify via email	1. Navigate to Sign-Up page2. Select role (Title Applicant or PRGI Official)3. Enter valid Full Name, Email, Username, strong Password, Confirm Password, optional Contact Number4. Click "Submit"	"Check your email to verify your account" message is displayed	Passed
TC 2	Verify system response when email or username already exists	N/A	Email or username already exists in the system	User is not registered	1. Navigate to Sign-Up page2. Select role3. Enter already registered Email or Username4. Fill in other fields5. Click "Submit"	"Email/Username already registered. Try a different one." message is displayed	Passed
TC 3	Verify error handling for invalid input formats	N/A	User is on the Sign-Up page	User is not registered	1. Navigate to Sign-Up page2. Select role3. Enter invalid email format	Validation error messages are displayed (e.g., "Invalid email format")	Failed

#	SUMMARY	DEPENDENCY	PRE-CONDITION	POST-CONDITION	EXECUTION STEPS	EXPECTED OUTPUT	ACTUAL OUTPUT
					or username format4. Click "Submit"		
TC 4	Verify password strength validation	N/A	User is on the Sign-Up page	User is not registered	1. Navigate to Sign-Up page2. Select role3. Enter weak password (missing required elements)4. Click "Submit"	"Password must be at least 8 characters, including uppercase, lowercase, number, and special character." is displayed	Failed
TC 5	Verify behavior when user fails to verify email within 24 hours	Email sent to user	User has submitted registration but hasn't verified email	Account is deactivated	1. Complete sign-up2. Do not click email verification link3. Wait 24 hours	System deactivates registration; message to request new link is shown	Failed
TC 6	Verify that no data is stored if user abandons registration mid-way	N/A	User starts registration but exits before submitting	No user data is stored	1. Navigate to Sign-Up page2. Start entering data3. Close browser or leave page before submitting	No data is saved in the system	Passed

#	**TS2**
Title	Verify "user login"
Description	To test the functionality of the "Login" page where the user provides their **mail ID** and password

#	SUMMARY	DEPENDENCY	PRE-CONDITION	POST-CONDITION	EXECUTION STEPS	EXPECTED OUTPUT	ACTUAL OUTPUT
TC1	Verify user can log in with valid credentials	User must be registered	User has a verified and active account	User is logged in, session is recorded, redirected to dashboard	1. Navigate to Login page2. Select role3. Enter valid Username/Email and Password4. Click "Login"	User is logged in and redirected to dashboard	Passed

TC2	Verify system response to incorrect username or password	N/A	User exists	Login fails, error message displayed	1. Navigate to Login page2. Select role3. Enter incorrect Username/Email or Password4. Click "Login"	"Invalid username or password. Please try again." message is displayed	Passed
TC3	Verify account lock after 3 failed login attempts	TC2	User repeats incorrect credentials	Account locked temporarily for 5 minutes	1. Attempt login with wrong credentials three times consecutively	"Account temporarily locked for 5 minutes." message is displayed	Failed
TC4	Verify password reset via "Forgot Password?" link	N/A	User forgets password	User resets password and can log in	1. Click "Forgot Password?"2. Enter registered email3. Open reset email4. Set new password5. Log in again	User receives reset email, resets password, and logs in successfully	Failed
TC5	Verify login fails for unverified email accounts	Email not verified	User hasn't completed email verification	Access denied, prompt shown to verify email	1. Attempt login without verifying email	"Email verification required. Check your inbox." message is displayed	Failed
TC6	Verify login blocked for suspended accounts	Admin suspended the user	User account is inactive/suspended	Access denied	1. Attempt login using suspended account	"Your account has been suspended. Contact support." message is displayed	Failed
TC7	Verify no session is created if user leaves login page	N/A	User visits login page but does not enter credentials	No session or activity is recorded	1. Navigate to Login page2. Leave page before entering login details	No login attempt recorded	Passed
	before logging in						

#		TS3
Title		User "Log out"
Description		To test the functionality of the "Log out" page .

#	SUMMARY	DEPENDENCY	PRE-CONDITION	POST-CONDITION	EXECUTION STEPS	EXPECTED OUTPUT	ACTUAL OUTPUT
TC1	Verify successful logout from the system	User must be logged in	User is logged in	Session is terminated and user is redirected	1. Click the "Log Out" button2. Confirm logout (if prompted)	User is logged out and redirected to login or homepage	Passed
TC2	Verify system behavior on unexpected logout/system crash	N/A	User is logged in	User must re-login to access system	1. Log in2. Simulate a crash (e.g., browser force quit or reload)3. Attempt access without login again	User must log in again	Failed
TC3	Verify logout is canceled when user selects "Cancel"	Confirmation prompt shown	User clicks logout and gets confirmation	Session remains active	1. Click the "Log Out" button2. Click "Cancel" on confirmation prompt	User stays logged in, no redirection occurs	Failed

#		TS4
Title		Verify "Reset password" functionality
Description		To test the functionality of the "Reset password".

#	SUMMARY	DEPENDENCY	PRE-CONDITION	POST-CONDITION	EXECUTION STEPS	EXPECTED OUTPUT	ACTUAL OUTPUT

TC1	Verify successful password reset with valid current and new password	User must be logged in	User is logged in	Password updated, success message shown	1. Navigate to account settings2. Click "Reset Password"3. Enter correct current password4. Enter valid new password and confirm5. Submit	Password is updated successfully; user may be asked to log in again	Failed
TC2	Verify error on incorrect current password	N/A	User is logged in	Password not changed	1. Go to "Reset Password"2. Enter incorrect current password3. Submit	"Incorrect current password" message is displayed	Failed
TC3	Verify error on weak or invalid new password	N/A	User is logged in	Password not changed	1. Go to "Reset Password"2. Enter correct current password3. Enter weak new password (e.g., short or lacking complexity)4. Submit	Validation error with password strength feedback	Failed
TC4	Verify error on password mismatch	N/A	User is logged in	Password not changed	1. Go to "Reset Password"2. Enter correct current password3. Enter mismatched new and confirm passwords4. Submit	"Passwords do not match" message is displayed	Failed
TC5	Verify user can cancel password reset	N/A	User initiates password reset	Password remains unchanged	1. Go to "Reset Password"2. Click "Cancel" before submitting	Process is canceled, no change occurs	Failed

#		TS5
Title		Verify "Submit Title for verification" functionality
Description		Checks the functionality of "Submit Title Verification" page

#	Summary	Dependency	Pre-condition		Execution Steps	Expected Output	Actual Output
TC1	Verify that a title applicant can successfully submit a title for verification	-	User is logged in	Title is processed and results are displayed	1. Navigate to **Submit Title** section 2. Enter a valid title 3. Click **Submit** 4. Wait for processing and view results	The system displays analysis results, including similarity score, acceptance probability, and verification status.	Passed
TC2	Verify that an applicant cannot submit an empty title	-	User is logged in	System does not process empty submissions	1. Navigate to **Submit Title** section 2. Leave the title field empty 3. Click **Submit**	The system displays an error: **"Title cannot be empty. Please enter a valid title."**	Passed
TC3	Verify that an applicant receives feedback for rejected titles	-	User is logged in	The system provides rejection reasons and resubmission options	1. Navigate to **Submit Title** section 2. Enter a title that does not meet acceptance criteria 3. Click **Submit** 4. Wait for processing and view results	The system displays rejection feedback with modification suggestions.	Passed
TC4	Verify that an applicant can modify and resubmit a rejected title	-	User has a rejected title	The modified title is processed again	1. Navigate to **Submit Title > View Rejected Title** 2. Modify the title based on feedback 3. Click **Resubmit**	The system reprocesses the title and updates the verification results.	Passed
TC5	Verify that an applicant can proceed with title registration if the acceptance score meets the threshold	-	User submitted a title with an acceptance score above the threshold	User is redirected to title registration	1. Submit a title with a high acceptance score 2. Click **Register Title**	The system redirects the user to the **Title Registration** page.	Passed

TC6	Verify that an applicant can flag a rejected title for PRGI official review	-	User has a rejected title	Title is flagged for review	1. Navigate to **Submit Title > View Rejected Title** 2. Click **Flag for Review**	The system marks the title for PRGI official review and notifies the user.	Failed

#	TS6
Title	Verify "View Similarity Score" functionality
Description	Checks the functionality of "View Similarity Score" page

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	Verify that the system displays the similarity score after title submission	Title submission	A title has been submitted for verification	The system displays the similarity score and similar titles list	1. Submit a title for verification 2. Wait for processing 3. Navigate to the **Analysis Page**	The system displays the **Similarity Score** and the **Top 50 Similar Titles** list.	Passed
TC2	Verify that the system displays the top 50 similar titles in descending order	Title submission	A title has been submitted for verification	The list of similar titles is visible	1. Submit a title for verification 2. Wait for processing 3. Navigate to the **Analysis Page**	The system displays **50 similar titles**, sorted from highest to lowest similarity.	Passed
TC3	Verify system behavior when no similar titles are found	Title submission	A title has been submitted for verification	A "No Similar Titles Found" message is displayed	1. Submit a unique title 2. Wait for processing 3. Navigate to the **Analysis Page**	The system displays **"No highly similar titles found."**	Failed
TC4	Verify that the similarity score is displayed as a percentage	Title submission	A title has been submitted for verification	The similarity score is displayed in percentage format	1. Submit a title 2. Navigate to **Analysis Page**	The system displays **Similarity Score: XX%**	Passed

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual output
TC5	Verify that the user can review the similarity score and take further action	Title submission	A title has been submitted for verification	The applicant can decide on the next steps	1. Submit a title 2. Navigate to **Analysis Page** 3. Review the similarity score and list	The system allows the applicant to either modify & resubmit or register the title based on the similarity score.	Passed

#	TS7
Title	Verify "View Verification probability" functionality
Description	Checks the functionality of "View Verification probability" page

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual output
TC1	Verify that the system displays the verification probability after title submission	Title submission	A title has been submitted for verification	The verification probability is displayed on the **Analysis Page**	1. Submit a title for verification 2. Wait for processing 3. Navigate to the **Analysis Page**	The system displays the **Verification Probability (%)** alongside the **Similarity Score**	Passed
TC2	Verify that verification probability does not exceed the complement of the similarity score	Title submission	A title has been submitted and similarity score is calculated	The displayed probability adheres to system constraints	1. Submit a title 2. Navigate to **Analysis Page** 3. Check if Verification Probability ≤ (100% - Similarity Score)	If similarity = 70%, then verification probability is **≤ 30%**	Passed
TC3	Verify system behavior when no similar titles exist	Title submission	A title has been submitted with no similar titles in the database	The verification probability is calculated based on other factors	1. Submit a unique title 2. Wait for processing 3. Navigate to **Analysis Page**	The system calculates verification probability based on uniqueness and system rules	Failed

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC4	Verify that the verification probability is displayed in percentage format	Title submission	A title has been submitted for verification	Verification probability is correctly formatted	1. Submit a title 2. Navigate to **Analysis Page**	The system displays **Verification Probability: XX%**	Passed
TC5	Verify that the applicant can use verification probability to take further action	Title submission	A title has been submitted for verification	The applicant can modify & resubmit or proceed with registration	1. Submit a title 2. Navigate to **Analysis Page** 3. Review the verification probability and similarity score	The system allows the applicant to modify & resubmit or register the title based on probability	Passed

#	TS8
Title	Verify "View Verification Result" functionality
Description	Checks the functionality of "View Verification Result " page

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	Verify that the system displays the final verification result after title submission	Title submission & verification process	The title has been submitted and verification is complete	The verification result is displayed as **Approved** or **Rejected**	1. Submit a title for verification 2. Wait for processing 3. Navigate to **Analysis Page**	The system displays **"Approved"** or **"Rejected"** based on verification probability	Passed
TC2	Verify that an approved title has verification probability greater than acceptance probability	Title submission & verification process	A title is submitted and verified	Approved titles have verification probability > acceptance probability	1. Submit a title 2. Navigate to **Analysis Page** 3. Check approval criteria	If **Verification Probability (VP) > Acceptance Probability (AP)**, then the title is **Approved**	Passed

TC3	Verify that a rejected title has verification probability lower than acceptance probability	Title submission & verification process	A title is submitted and verified	Rejected titles have verification probability < acceptance probability	1. Submit a title 2. Navigate to **Analysis Page** 3. Check rejection criteria	If **Verification Probability (VP) < Acceptance Probability (AP)**, then the title is **Rejected**	Passed
TC4	Verify system behavior in case of a processing error	Title submission & verification process	The system encounters an error while determining the result	A failure message is displayed, and the user is advised to retry later	1. Submit a title 2. Simulate system error 3. Navigate to **Analysis Page**	The system displays **"Verification process failed. Please try again later."**	Failed
TC5	Verify that verification results are stored for later access	Title submission & verification process	A title is submitted and verified, but the applicant exits the page	The verification result remains accessible in submission history	1. Submit a title 2. Exit the **Analysis Page** before viewing the result 3. Navigate to **Submission History**	The system stores and displays the verification result in **Submission History**	Passed
TC6	Verify that an approved title allows the applicant to proceed with registration	Title submission & verification process	A title is submitted and approved	The system provides an option to **register** the title	1. Submit a title 2. Navigate to **Analysis Page** 3. Check if **Approved**	The system provides a **Register Title** button	Passed
TC7	Verify that a rejected title allows modification and resubmission	Title submission & verification process	A title is submitted and rejected	The system provides an option to **modify & resubmit** the title	1. Submit a title 2. Navigate to **Analysis Page** 3. Check if **Rejected**	The system provides a **Modify & Resubmit** button	Passed

#	TS9
Title	Verify "Receive Feedback on Rejected Titles" functionality

	Description	Checks the functionality of "Receive Feedback on Rejected Titles" page					

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	Verify that rejection feedback is displayed when a title is rejected	Title submission & verification process	A title is submitted and rejected	The system provides rejection feedback	1. Submit a title 2. Navigate to **Analysis Page** 3. Check rejection feedback section	The system displays a rejection message with reasons	Passed
TC2	Verify that no rejection feedback is displayed if the title is approved	Title submission & verification process	A title is submitted and approved	The rejection feedback section is hidden	1. Submit a title 2. Navigate to **Analysis Page**	If **Approved**, no rejection feedback is displayed	Passed
TC3	Verify that feedback includes "High Similarity" as a reason if applicable	Title submission & verification process	A title is rejected due to high similarity with existing titles	"High Similarity Score" appears in rejection feedback	1. Submit a title that is very similar to an existing one 2. Navigate to **Analysis Page**	The system displays **"Rejected due to high similarity with existing titles."**	Passed
TC4	Verify that feedback includes "Restricted Words" if applicable	Title submission & verification process	A title is rejected due to use of restricted words	"Use of restricted words" appears in rejection feedback	1. Submit a title containing restricted words 2. Navigate to **Analysis Page**	The system displays **"Rejected due to the use of restricted words."**	Passed

#		Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC5	Verify that feedback includes "Non-Unique Combination" if applicable	Title submission & verification process	A title is rejected due to a non- unique combination of existing titles	"Combination of existing titles in a non- unique manner" appears in rejection feedback	1. Submit a title that combines parts of existing titles 2. Navigate to **Analysis Page**	The system displays **"Rejected due to non-unique title combination."**	Failed
TC6	Verify system behavior in partial rejection cases	Title submission & verification process	A title has minor issues but is not outright rejected	A warning is displayed instead of full rejection feedback	1. Submit a title with minor similarity issues 2. Navigate to **Analysis Page**	The system displays **"Warning: Title similarity is high. Consider making modifications."**	Failed
TC7	Verify that rejected titles allow modification and resubmission	Title submission & verification process	A title is rejected	The system provides an option to **modify & resubmit** the title	1. Submit a title 2. Navigate to **Analysis Page** 3. Check if **Rejected**	The system provides a **Modify & Resubmit** button	Passed

#	TS10
Title	Verify "Modify And Resubmit Title" functionality
Description	Checks the functionality of "Modify And Resubmit Title" page

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	Verify that rejected titles can be modified and resubmitted	Title submission & verification process	A title is rejected	The modified title is submitted and analyzed again	1. Submit a title 2. Navigate to **Analysis Page** 3. Click **Modify and Resubmit** 4. Edit the title 5. Resubmit for	The system processes the modified title and updates the **Analysis Page**	Passed

					verification		
TC2	Verify that the previous title is pre-filled when modifying	Title submission & verification process	A title is rejected	The rejected title appears pre-filled in the input field	1. Submit a title 2. Navigate to **Analysis Page** 3. Click **Modify and Resubmit**	The title input field is pre-filled with the previous title	Failed
TC3	Verify system behavior if the applicant cancels modification	Title submission & verification process	A title is rejected, and the applicant enters the modification screen	No changes are made to the previously rejected title	1. Submit a title 2. Navigate to **Analysis Page** 3. Click **Modify and Resubmit** 4. Click **Cancel**	The system does not submit a new verification request, and the previous title remains unchanged	Passed
TC4	Verify that the modified title undergoes a new verification process	Title submission & verification process	A title is rejected, modified, and resubmitted	The new title is processed and analyzed	1. Submit a title 2. Navigate to **Analysis Page** 3. Click **Modify and Resubmit** 4. Edit the title 5. Resubmit for verification	The system performs a new verification and updates the **Analysis Page** with the revised results	Passed
TC5	Verify that feedback is updated after resubmission	Title submission & verification process	A title is rejected, modified, and resubmitted	The feedback section updates based on the new title analysis	1. Submit a title 2. Navigate to **Analysis Page** 3. Click **Modify and Resubmit** 4. Edit the title 5. Resubmit for verification 6. Check feedback on **Analysis Page**	The system provides updated feedback based on the new submission	Passed

#		TS11
Title		Verify "Register Title" functionality
Description		Checks the functionality of "Register Title" page

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual output
TC1	Verify that the "Register Title" button is enabled for approved titles	Title verification process	A title has been approved	The "Register Title" button is clickable	1. Submit a title 2. Wait for verification 3. If approved, check if the **"Register Title"** button is enabled	The button is enabled for approved titles	Passed
TC2	Verify that clicking "Register Title" navigates to the registration page	Title verification process	A title has been approved	The system redirects to the registration page	1. Submit a title 2. Wait for verification 3. Click **"Register Title"**	The system navigates to the **Registration Page**	Passed
TC3	Verify that the applicant can confirm registration	Title verification process	A title has been approved, and the applicant is on the registration page	The title is stored in the database with a unique reference ID	1. Submit a title 2. Wait for verification 3. Click **"Register Title"** 4. Review details 5. Click **Confirm Registration**	The system saves the title and assigns a **unique reference ID**	Passed
TC4	Verify that the applicant receives a registration confirmation	Title verification process	A title has been successfully registered	A confirmation receipt is generated	1. Submit a title 2. Wait for verification 3. Click **"Register Title"** 4. Click **Confirm Registration**	A **confirmation message** and **registration receipt** are displayed	Failed

TC5	Verify system behavior if the applicant cancels registration	Title verification process	A title has been approved, and the applicant enters the registration page	The title remains **approved but unregistered**	1. Submit a title 2. Wait for verification 3. Click **"Register Title"** 4. Click **Cancel Registration**	The title remains **approved** but not stored	Passed

#	TS12
Title	Verify "Track Submission History" functionality
Description	Checks the functionality of "Track Submission History" page

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	Verify that the system displays a list of past title submissions	At least one title has been submitted	The user has submitted at least one title	The submission history is displayed	1. Log in 2. Navigate to **Track Submission History**	The system displays a **list of past submissions**	Passed
TC2	Verify that the user can select a title and view its details	Track Submission History is accessible	At least one title exists in submission history	The system opens the analysis page for the selected title	1. Log in 2. Navigate to **Track Submission History** 3. Click on a title	The system displays **Analysis Page** of the selected title	Failed
TC3	Verify that the user can filter submissions	Track Submission History is accessible	At least one title exists in submission history	Filtered results are displayed	1. Log in 2. Navigate to **Track Submission History** 3. Apply a filter (date, status, similarity score)	The system filters the **submission list**	Failed

#	Summary		Dependency		Pre-condition	Post-condition	Execution Steps	Expected Output	Actual output
TC4	Verify that the user can sort submissions		Track Submission History is accessible		At least one title exists in submission history	Sorted results are displayed	1. Log in 2. Navigate to **Track Submission History** 3. Apply sorting (ascending/descending order by date, similarity score, etc.)	The system sorts the **submission list**	Failed
TC5	Verify that the user can delete an entry from submission history		Deletion option is available		At least one title exists in submission history	The selected entry is removed from history	1. Log in 2. Navigate to **Track Submission History** 3. Select a title and click **Delete** 4. Confirm deletion	The entry is **removed from history** (if permitted)	Failed
TC6	Verify system behavior when there is no submission history		Track Submission History is accessible		No past submissions exist	A "No submissions found" message is displayed	1. Log in 2. Navigate to **Track Submission History**	The system displays **"No submissions found."**	Passed

#	TS13
Title	Verify "Search And View Existing Title" functionality
Description	Checks the functionality of "Search And View Existing Title" page

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual output
TC1	Verify that the system displays a list of all existing titles	User is logged in	Titles exist in the database	A list of existing titles is displayed	1. Log in 2. Navigate to **Search and View Existing Titles**	The system displays a **list of existing titles**	Passed
TC2	Verify that the user can search for a specific title	Titles exist in the database	User enters a valid search keyword	The system filters results dynamically	1. Log in 2. Navigate to **Search and View Existing Titles** 3. Enter a keyword in the search bar	The system displays **filtered results** matching the keyword	Failed

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC3	Verify that the user can apply sorting options	Titles exist in the database	Sorting option is selected	The system updates the list based on sorting criteria	1. Log in 2. Navigate to **Search and View Existing Titles** 3. Select sorting option (Alphabetical, Popularity, Date)	The system **sorts the titles accordingly**	Failed
TC4	Verify that the user can apply filtering options	Titles exist in the database	Filtering option is selected	The system updates the list based on filters	1. Log in 2. Navigate to **Search and View Existing Titles** 3. Apply a filter (Category, Similarity %, Approval Status)	The system **filters the titles accordingly**	Failed
TC5	Verify that the user can view the details of a selected title	Search or filter results exist	User selects a title from the list	The system displays the title details	1. Log in 2. Navigate to **Search and View Existing Titles** 3. Select a title from the list	The system displays **detailed information about the title**	Failed
TC6	Verify system behavior when no matching titles are found	User performs a search	Search criteria do not match any title	The system notifies the user	1. Log in 2. Navigate to **Search and View Existing Titles** 3. Enter a keyword that does not match any title	The system displays **"No matching titles found"**	Failed

#	TS14
Title	Verify "Manage Disallowed Words" functionality
Description	Checks the functionality of "Manage Disallowed Words" page

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output

TC1	Verify that PRGI officials can access the "Manage Disallowe d Words" page	PRGI Official logged in	PRGI official must be logged in	The "Manage Disallow e d Words" page is displaye d	1. Log in as PRGI Official 2. Navigate to **Manage Disallowed Words**	The system **displays the disallow e d words list**	Passed
TC2	Verify that an official can add a new disallow ed word	PRGI Official on **Manage Disallowed Words** page	Offici al clicks "Add New"	The word is added to the list	1. Click "Add New" 2. Enter a word and reason 3. Select a category 4. Confirm to save	The system **adds the word to the list**	Passed
TC3	Verify that an official cannot add a duplicat e word	PRGI Official attempts to add a word	The word already exists in the list	The system prevents duplicati o n	1. Click "Add New" 2. Enter an existing word 3. Submit	The system **displays an error messag e**	Faile d
TC4	Verify that an official can modify an existing word	PRGI Official on **Manage Disallowed Words** page	Officia l selects a word	The word's details are updated	1. Select a word 2. Edit reason or category 3. Save changes	The system **updates the word details**	Passe d
TC5	Verify that an official can delete a word	PRGI Official on **Manage Disallowed Words** page	Officia l selects a word	The word is removed from the list	1. Select a word 2. Click "Delete" 3. Confirm deletion	The system **remove s the word from the list**	Passe d
TC6	Verify that an official can search for a specific word	PRGI Official on **Manage Disallowed Words** page	Official enters a keywor d in the search bar	The system filters the list based on the search input	1. Enter a word in the search bar 2. Press Enter	The system **display s relevan t search results**	Faile d

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC7	Verify that an official can sort the disallowed words list	PRGI Official on **Manage Disallowed Words** page	Official selects a sorting option	The words list is sorted accordingly	1. Click on a column header (e.g., **Date Added**) 2. Observe the list order	The system **sorts the words list**	Failed
TC8	Verify that an official can filter disallowed words	PRGI Official on **Manage Disallowed Words** page	Official selects a category filter	The list updates to show filtered results	1. Click on the filter dropdown 2. Select a category 3. Apply filter	The system **displays words matching the filter**	Failed
TC9	Verify that an official can undo a deletion	PRGI Official deletes a word	Official selects "Undo"	The word is restored to the list	1. Delete a word 2. Click "Undo" within the allowed time	The system **restores the deleted word**	Failed
TC10	Verify that an official can cancel an action	PRGI Official is adding/modifying/deleting a word	Official clicks "Cancel" instead of submitting changes	No changes are saved	1. Start adding/modifying/deleting a word 2. Click "Cancel"	The system **discards the changes**	Failed

#	TS15
Title	Verify "Manage Disallowed Affixes" functionality
Description	Checks the functionality of "Manage Disallowed Affixes" page

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output

TC1	Verify that PRGI officials can access the "Manage Disallowed Affixes" page	PRGI Official logged in	PRGI official must be logged in	The "Manage Disallowed Affixes" page is displayed	1. Log in as PRGI Official 2. Navigate to **Manage Disallowed Affixes**	The system **displays the list of disallowed affixes**	Passed
TC2	Verify that an official can add a new disallowed affix	PRGI Official on **Manage Disallowed Affixes** page	Official clicks "Add New"	The affix is added to the list	1. Click "Add New" 2. Select **Prefix** or **Suffix** 3. Enter the affix and reason 4. Select a category 5. Confirm to save	The system **adds the affix to the list**	passed
TC3	Verify that an official cannot add a duplicate affix	PRGI Official attempts to add an affix	The affix already exists in the list	The system prevents duplication	1. Click "Add New" 2. Enter an existing affix 3. Submit	The system **displays an error message**	Failed
TC4	Verify that an official can modify an existing affix	PRGI Official on **Manage Disallowed Affixes** page	Official selects an affix	The affix details are updated	1. Select an affix 2. Edit reason or category 3. Save changes	The system **updates the affix details**	Passed
TC5	Verify that an official can delete an affix	PRGI Official on **Manage Disallowed Affixes** page	Official selects an affix	The affix is removed from the list	1. Select an affix 2. Click "Delete" 3. Confirm deletion	The system **removes the affix from the list**	Passed
TC6	Verify that an official can search for a specific affix	PRGI Official on **Manage Disallowed Affixes** page	Official enters a keyword in the search bar	The system filters the list based on the search input	1. Enter an affix in the search bar 2. Press Enter	The system **displays relevant search results**	Failed

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC7	Verify that an official can sort the disallowed affixes list	PRGI Official on **Manage Disallowed Affixes** page	Official selects a sorting option	The affixes list is sorted according l y	1. Click on a column header (e.g., **Date Added**) 2. Observe the list order	The system **sorts the affixes list**	Failed
TC8	Verify that an official can filter disallowed affixes	PRGI Official on **Manage Disallowed Affixes** page	Official selects a filter	The list updates to show filtered results	1. Click on the filter dropdown 2. Select a type/category/date range 3. Apply filter	The system **displays affixes matching the filter**	Failed
TC9	Verify that an official can undo a deletion	PRGI Official deletes an affix	Official selects "Undo"	The affix is restored to the list	1. Delete an affix 2. Click "Undo" within the allowed time	The system **restores the deleted affix**	Failed
TC10	Verify that an official can cancel an action	PRGI Official is adding/modifying/del et ing an affix	Official clicks "Cancel" instead of submittin g changes	No changes are saved	1. Start adding/modifying/del et ing an affix 2. Click "Cancel"	The system **discards the changes**	Failed

#	TS16
Title	Verify "Set/Modify Acceptance Probability " functionality
Description	Checks the functionality of "Set/Modify Acceptance Probability" page

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	Verify PRGI officials can access the "Set/Modif y	PRGI Official logged in	PRGI official must have the required permissions	The page is displayed with current	1. Log in as PRGI Official 2. Navigate to **Set/Modify**	The system **displays the probability settings**	Passed

	Acceptance Probability" page			probability settings	**Acceptance Probability**		
TC2	Verify that an official can set an initial acceptance probability	PRGI Official on **Set/Modify Acceptance Probability** page	No probability value exists	The probability is saved in the system	1. Click "Set Probability" 2. Enter a value (e.g., **30%**) 3. Provide a reason (optional) 4. Confirm	The system **saves the probability and logs the change**	Passed
TC3	Verify that an official can modify an existing acceptance probability	PRGI Official on **Set/Modify Acceptance Probability** page	A probability value is already set	The probability is updated in the system	1. Click "Modify" 2. Enter a new probability value (e.g., **40%**) 3. Provide a reason 4. Confirm	The system **updates and logs the new probability**	Passed
TC4	Verify that an official cannot enter an invalid probability value	PRGI Official entering a probability value	Official enters a value **greater than 100%**	The system rejects the input	1. Click "Modify" 2. Enter **110%** 3. Click Save	The system **displays an error message**	Failed
TC5	Verify that modification restrictions apply (e.g., one change per day)	PRGI Official modifies probability	Official tries to modify again within restricted time	The system prevents modification	1. Modify probability 2. Try modifying again within the restricted period	The system **displays a restriction message**	Failed
TC6	Verify that modification requires confirmation before saving	PRGI Official on **Set/Modify Acceptance Probability** page	Official initiates a modification	The system prompts for confirmation before saving	1. Click "Modify" 2. Enter a new value 3. Click Save	The system **asks for confirmation before applying changes**	Failed
TC7	Verify that an official can cancel an action before saving changes	PRGI Official editing probability	Official clicks "Cancel" instead of saving	No changes are applied	1. Click "Modify" 2. Enter a new probability value 3. Click "Cancel"	The system **discards the changes**	Passed

| TC8 | Verify access control for modifying acceptance probability | PRGI Official with **insufficient permissions** attempts modification | User lacks permission | The system prevents access | 1. Log in as a **non-authorized user** 2. Navigate to the page 3. Attempt modification | The system **denies access and displays an error** | Failed |

End

| TC8 | Verify access control for modifying acceptance probability | PRGI Official with **insufficient permissions** attempts modification | User lacks permission | The system prevents access | 1. Log in as a **non-authorized user** 2. Navigate to the page 3. Attempt modification | The system **denies access and displays an error** | Failed |