

TEST CASES

1. USER ACCESS & MANAGEMENT SUBSYSTEM:

1.1. Sign Up

#	TS1
Title	Verify "Sign up" functionality
Description	To test the different scenarios that might arise while a user is trying to signup

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	Successful sign-up for Title Applicant	—	Valid user info provided	Account created; verification email sent	1. Navigate to Sign-Up 2. Select "Title Applicant" 3. Fill valid details 4. Submit	Message: "Check your email to verify your account"	Passed
TC2	Successful sign-up for PRGI Official	—	Valid official info provided	Account created; awaits admin approval	1. Select "PRGI Official" 2. Enter valid details 3. Submit	Message: "Account pending admin verification"	Passed
TC3	Email already exists	—	Email registered earlier	Submission blocked	1. Enter duplicate email 2. Submit	Error: "Email already registered"	Passed
TC4	Username already exists	—	Username already in use	Submission blocked	1. Enter duplicate username 2. Submit	Error: "Username already taken"	Passed
TC5	Invalid email format	—	Email is malformed	Submission blocked	1. Enter "user@@mail" 2. Submit	Error: "Invalid email format"	Passed
TC6	Username too short or contains invalid characters	—	Username violates rules	Submission blocked	1. Enter "ab" or "user!@#" 2. Submit	Error: "Invalid username format"	Passed

TC7	Weak password input	–	Password doesn't meet criteria	Submission blocked	1. Enter weak password like "abc123" 2. Submit	Error: "Password must include uppercase, lowercase, number, and special character"	Passed
TC8	Password and confirm password mismatch	–	Passwords do not match	Submission blocked	1. Enter mismatched values 2. Submit	Error: "Passwords do not match"	Passed
TC9	Submit with all valid input then abandon verification	–	Verification email not clicked	Account remains inactive	1. Complete sign-up 2. Do not verify email	Email not verified; account pending /inactive	Passed
TC10	Resend email verification link	TC9	Account inactive due to email not verified	Link resent	1. Click "Resend Verification" 2. Confirm action	Message: "Verification email sent again"	Passed
TC11	Verification link expired	TC9	24 hours passed without clicking link	Verification fails	1. Wait 24 hours 2. Click email link	Message: "Link expired. Request new verification email"	Passed
TC12	Registration abandoned mid-way	–	Form not submitted	No account created	1. Enter partial data 2. Close tab	No record saved in database	Passed
TC13	Email verification successful (for title applicant)	TC1	Email is verified	User is authenticated	1. Click "sign up" button 2. Email verification sent 3. Verify email	User is redirected to their dashboard	Passed
TC14	Admin verification successful	TC2	Admin approved the official	Admin is authenticated and granted	1. Click "sign up" button 2. Request sent to admin 3.	Official is redirected to their dashboard	Passed

	(for official signups)		signup request	permissions for modifying the system	Admin verifies the signup		
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1.2. Log In

#	TS2
Title	Verify "Log In" functionality
Description	To test the different scenarios that might arise while a user is trying to login

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	Successful login for Title Applicant	–	User account is verified and active	Redirected to applicant dashboard	1. Navigate to login page 2. Select "Title Applicant" 3. Enter valid credentials 4. Click Login	Dashboard loaded; session logged	Passed
TC2	Successful login for PRGI Official	–	Official account is admin-approved	Redirected to official dashboard	1. Select "PRGI Official" 2. Enter valid credentials 3. Submit	Dashboard loaded; session logged	Passed
TC3	Successful login for System Admin	–	Admin account exists	Redirected to admin dashboard	1. Select "System Administrator" 2. Enter credentials 3. Login	Admin panel opened	Passed
TC4	Incorrect password attempt	–	User account exists	Login blocked	1. Enter valid username and wrong password	Error: "Invalid username or password"	Passed

TC5	Incorrect username attempt	–	No such account	Login blocked	1. Enter incorrect username 2. Click Login	Error message shown	Passed
TC6	Login without email verification	–	Email not verified	Access denied	1. Use unverified user credentials 2. Login	Message: “Email verification required”	Passed
TC7	Login before admin approval (PRGI Official)	–	Official signup not yet approved	Login blocked	1. Use official credentials before approval	Message: “Admin verification pending”	Passed
TC8	Login to a suspended account	–	Account is deactivated	Access denied	1. Try logging into a suspended account	Message: “Your account has been suspended”	Passed
TC9	Forgot password – valid email	–	Email exists in system	Reset link sent	1. Click “Forgot Password?” 2. Enter valid email	Message: “Reset link sent to your email”	Passed
TC10	Forgot password – invalid email	–	Email not in system	Reset blocked	1. Click “Forgot Password?” 2. Enter invalid email	Error: “Email not found”	Passed
TC11	Reset password and login successfully	TC9	Reset process completed	User can access account	1. Open reset email 2. Set new password 3. Login	Dashboard accessed with new credentials	Passed
TC12	Navigate away before login	–	User doesn’t submit form	No login recorded	1. Open login page 2. Leave without entering credentials	No action taken	Passed
TC13	Login with uppercase /lowercase	–	Correct password is case-sensitive	Login fails	1. Enter correct username and	Error: “Invalid password”	Passed

	mismatch in password				wrong case password		
TC14	Login using username instead of email	–	Username is valid	Login successful	1. Enter username and password instead of email	Redirected to dashboard	Passed
TC15	Login using email instead of username	–	Email is valid	Login successful	1. Enter email and password instead of username	Login works as expected	Passed

1.3. Manage Account Settings

#	TS3
Title	Verify "Manage Account Settings" functionality
Description	To test the different scenarios that might arise while a user is trying to manage their account settings

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	Access account settings section	–	User is logged in	Settings page displayed	1. Navigate to "Settings"	Settings categories (Account, Notifications) shown	Passed
TC2	Update username successfully	–	Valid new username entered	Username updated	1. Go to Account Settings 2. Change username 3. Save	Success: "Username updated successfully"	Passed
TC3	Username already exists	–	Username already in use	Change blocked	1. Enter duplicate username 2. Save	Error: "Username already taken"	Passed

TC4	Username too short or contains invalid characters	–	Username violates rules	Change blocked	1. Enter “ab” or “user!@#” 2. Save	Error: “Invalid username format”	Passed
TC5	Update email with valid format	–	New email is valid and unique	Email updated	1. Enter new valid email 2. Click Save	Confirmation message shown	Passed
TC6	Update email with invalid format	–	Incorrect format used	Change blocked	1. Enter “user@@mail” 2. Submit	Error: “Invalid email format”	Passed
TC7	Update email to one already in use	–	Email already exists	Change blocked	1. Enter registered email 2. Click Save	Error: “Email already in use”	Passed
TC8	Change password with valid criteria	–	New password meets all conditions	Password updated	1. Enter current password 2. Set new password with proper format 3. Confirm change	Message: “Password changed successfully”	Passed
TC9	Change password with weak format	–	New password does not meet policy	Submission blocked	1. Set password as “abc123” 2. Submit	Error: “Password too weak”	Passed
TC10	Password and confirm password mismatch	–	Fields do not match	Update blocked	1. Enter different values in both fields 2. Submit	Error: “Passwords do not match”	Passed
TC11	Update notification preferences	–	Preferences selected	Notification settings saved	1. Select /deselect notification checkboxes 2. Save	“Notification preferences updated” message shown	Passed
TC12	Cancel changes	–	Changes made but not saved	No changes applied	1. Modify any setting 2. Click “Cancel”	Fields revert to original state	Passed

	before saving						
TC13	Submit empty fields	–	All fields cleared	Submission blocked	1. Clear all input fields 2. Click Save	Error: “Fields cannot be empty”	Passed
TC14	Log out through account settings	–	User is logged in	Session terminated	1. Click “Log out” from settings	Redirected to login page	Passed
TC15	View changes reflected after update	TC2–TC11	Setting successfully changed	Changes applied throughout system	1. Modify name /email /password 2. Revisit profile	Updated info displayed correctly	Passed
TC16	Attempt to access settings without login	–	User is not authenticated	Redirected to login	1. Try accessing settings URL directly	System redirects to login page	Passed

1.4. Approve/Reject Official Accounts

#	TS4
Title	Verify "Approve/Reject Official Accounts" functionality
Description	To test the different scenarios that might arise while the admin is trying to approve or reject official signup requests

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	View list of pending official signup requests	–	PRGI official requests exist	List is displayed	1. Log in as admin 2. Navigate to Official Signup Requests	All pending requests are listed with user info	Passed
TC2	Approve a valid official request	–	Signup details are complete	Official is approved and can log in	1. Select a request 2. Review details	Message: “Request accepted”	Passed

			and authentic		3. Click "Approve"	Account created	
TC3	Reject an invalid official request	–	Signup info is incomplete or invalid	Request is discarded	1. Select a request 2. Click "Reject" 3. Confirm rejection	Message: "Request rejected" No account created	Passed
TC4	Hold a request due to insufficient info	–	Details are incomplete	Request remains in pending state	1. Neither "Accept" nor "Reject"	Request stays visible in pending list	Passed
TC5	View official signup details before approval	–	Request is in list	Full profile shown	1. Click on a request row	Signup form data shown in detail	Passed
TC6	Attempt to approve without being logged in	–	Admin not authenticated	Access denied	1. Open approval URL directly without logging in	Redirected to login page	Passed
TC7	Official waiting in signup page is taken to their dashboard	TC2	Official is waiting in the signup page and admin approves	Directly taken to the dashboard	1. Official waits in signup page 2. Admin verifies	Official is redirected to their dashboard	Passed
TC8	Approved official can login	TC2	Official left signup page midway and admin approves	Login successful	1. Approve request 2. Official logs in	Official is redirected to their dashboard	Passed
TC9	Rejected official cannot log in	TC3	Request denied earlier	Login blocked	1. Try to log in with rejected credentials	Error: "Account does not exist or not approved"	Passed

1.5. Manage User Accounts

#	TS5
Title	Verify "Manage User Accounts" functionality
Description	To test the different scenarios that might arise while the admin is trying to manage general user accounts

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	View list of all registered users	–	Admin is logged in	User list displayed	1. Go to "User Management" section	List of users with roles and activity history shown	Passed
TC2	Freeze a user account	–	User exists and is active	Account access restricted	1. Select a user 2. Click "Freeze" 3. Confirm action	Message: "Account has been frozen"	Passed
TC3	Delete a user account permanently	–	User exists	Account removed	1. Select user 2. Click "Delete" 3. Confirm deletion	Message: "User deleted successfully"	Passed
TC4	View submission / approval history per user	–	User has past activity	History shown in detail	1. Click on a specific user row	Display verification /registration history	Passed
TC5	Revert a frozen account to active status	TC2	User account is frozen	Access restored	1. Select frozen user 2. Click "Unfreeze"	Account status: "Active" again	Passed
TC6	Manage account from search result	–	User searched by name /email	Actions still allowed	1. Use search bar 2. Select user 3. Perform action	Freeze/delete available as normal	Passed

TC7	Filter users by role (Applicant /Official)	–	Multiple user roles exist	Filtered list shown	1. Select role filter	Only users of selected role appear	Passed
TC8	Sort users by registration date	–	Multiple users in list	Ordered by date	1. Click “Sort by Date”	List reorders chronologically	Passed
TC9	Attempt to access management without admin login	–	Not authenticated	Access denied	1. Open URL for user management 2. Not logged in	Redirected to login	Passed

2. TITLE PROCESSING & MANAGEMENT SUBSYSTEM:

2.1. Submit Title for Verification

#	TS6
Title	Verify "Submit Title for Verification" functionality
Description	To test the different scenarios that might arise while a title applicant is trying to submit a title for verification

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	Submit a valid title for verification	–	User is logged in with access to dashboard	Title processed and user redirected to analysis page	1. Log in 2. Enter valid title (e.g., "India Today Bulletin") 3. Click Submit	Redirect to Title Analysis Page	Passed
TC2	Submit a title with leading /trailing spaces	–	User is logged in	Title trimmed and submitted correctly	1. Enter “ India Times ” 2. Submit	System trims whitespace and processes normally	Passed

TC3	Submit empty title	–	User is logged in	Submission blocked	1. Leave title field blank 2. Submit	Error: "Title cannot be empty"	Passed
TC4	Submit title with only spaces	–	User is logged in	Submission blocked	1. Enter " " (only spaces) 2. Submit	Error: "Title cannot be empty"	Passed
TC5	Submit title with only numbers	–	User is logged in	Submission rejected	1. Enter "123456" 2. Submit	Error: "Invalid title format"	Passed
TC6	Submit title with special characters only	–	User is logged in	Submission rejected	1. Enter "@#%&*!" 2. Submit	Error: "Invalid title format"	Passed
TC7	Submit a very long title (exceeding limit)	–	User is logged in	Submission rejected	1. Enter a title over 100 characters 2. Submit	Error: "Title too long. Limit: 100 characters."	Passed
TC8	Submit a title with mixed casing	–	User is logged in	Title accepted and normalized	1. Enter "tHe NatIonAl PosT" 2. Submit	System processes normally, case preserved or normalized	Passed
TC9	Submit with special characters or numbers in between	–	User is logged in	Submission approved	1. Enter "India@News# Today2" 2. Submit	Redirect to Title Analysis Page	Passed
TC10	Submit title when not logged in	–	User is not logged in	User denied access	1. Try to access dashboard directly 2. Attempt to submit title	Redirected to login page	Passed
TC11	Refresh page after typing title (before submit)	–	User is logged in	Title input cleared, nothing processed	1. Enter a title 2. Refresh browser before clicking submit	Page reloads with empty field; no	Passed

						processing triggered	
TC12	Submit title, then navigate away mid-processing	–	User is logged in	Process may be interrupted or queued	1. Enter title 2. Submit 3. Navigate away before loading finishes	System handles gracefully or reprocesses on next visit	Passed
TC13	Submit previously accepted title	–	User is logged in	System notifies about previous trial	1. Enter a previously accepted title 2. Submit	System provides proper message and doesn't undertake a fresh analysis	Passed
TC14	Submit previously rejected title	–	User is logged in	System accepts for fresh analysis	1. Enter a previously rejected title 2. Submit	Redirect to analysis page for new result	Passed
TC15	Submit title with valid multilingual characters	–	User is logged in	Title accepted if format is valid	1. Enter title like "प्रति दिन समाचार" 2. Submit	System accepts and processes multilingual title	Passed
TC16	A valid submission is stored in history	TC1	The submitted title is valid	The submission is stored in history	1. Access submission history page 2. Look at the list of title verifications	The title is stored in the verification history for later access	Passed

2.2. View Title Analysis and Result

#	TS7
Title	Verify "View Title Analysis and Result" functionality
Description	To test the different scenarios that might arise while a title applicant is trying to view the analysis page and verification result for a title

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	View analysis for a newly submitted valid title	TS6	Title has been submitted successfully	Analysis page with all sections displayed	1. Submit a valid title 2. System redirects to Analysis Page	List of similar titles, similarity score, verification probability, result shown	Passed
TC2	View analysis with high similarity score	–	Title matches existing titles closely	System shows rejection with feedback	1. Submit a similar title 2. Access analysis page	Rejected due to high similarity with feedback	Passed
TC3	Title with phonetic similarity with existing ones	–	Title has phonetic similarity	Similarity calculation considers phonetics	1. Submit a title with phonetic similarity	Similarity score is calculated accordingly	Passed
TC4	Title with spelling similarity with existing ones	–	Title has spelling similarity	Similarity calculation considers spelling	1. Submit a title with spelling similarity	Similarity score is calculated accordingly	Passed
TC5	Title with semantic similarity with existing ones	–	Title has semantic similarity	Similarity calculation considers semantics	1. Submit a title with semantic similarity	Similarity score is calculated accordingly	Passed
TC6	Title is a combination of existing ones	–	Title combines of 2 existing titles	Title is rejected	1. Submit a title which is a combination of 2 existing titles	Title is rejected with a feedback	Passed
TC7	View analysis with usage of	–	Submitted title includes disallowed term	System shows rejection with	1. Submit a title like “CBI News Weekly” 2.	Rejected with message: “Restricted word: CBI”	Passed

	restricted word			relevant feedback	Open analysis		
TC8	Verification probability calculated from similarity	–	Title has moderate similarity	Probability shown based on formula	1. Submit title 2. View analysis page	Verification probability = 100 - similarity	Passed
TC9	View analysis with acceptable probability score	–	Title is sufficiently unique	System shows acceptance	1. Submit valid title with high probability 2. Access analysis	Accepted; option to register shown	Passed
TC10	Feedback displayed for rejected title	–	Title is rejected	Rejection reason shown clearly	1. Submit problematic title 2. View feedback section	Feedback: "Too similar to 'Daily India News'"	Passed
TC11	Modify and resubmit from analysis page	–	Title is rejected	System allows editing and resubmission	1. View rejected title 2. Click "Modify and Resubmit" 3. Enter new version	Redirected to resubmission flow	Passed
TC12	Register title from analysis page	–	Title is accepted	System redirects to registration form	1. Submit accepted title 2. Click "Register Title"	Registration form displayed	Passed
TC13	Leave analysis without registering accepted title	–	Title is accepted	Title saved for future registration	1. Submit valid title 2. Leave analysis page	Title marked in history as "Accepted – Not Registered"	Passed
TC14	Access analysis of previously	–	Title is in user history	Analysis data retrievable from history	1. Open history page 2. Select a	Redirect to corresponding analysis page	Passed

	submitted title				submitted title		
TC15	Register from history for accepted title	–	Title was accepted previously but not registered	System allows late registration	1. Open history 2. Click on accepted title 3. Click “Register”	Redirects to title registration form	Passed
TC16	Title rejected for both similarity and restriction	–	Title fails on both criteria	Multiple feedback messages shown	1. Submit “CBI India Daily” 2. View analysis	Rejected; Feedback: “Too similar” and “Restricted word”	Passed
TC17	Analysis data includes empty similarity list	–	Title has no significant match	Similarity list is empty, title likely accepted	1. Submit very unique title 2. View analysis	“No major matches found”; Accepted	Passed
TC18	System handles analysis page reload	–	Analysis page refreshed	Results persist or reload cleanly	1. View analysis 2. Refresh browser	Page reloads with same title data	Passed
TC19	Attempt to access analysis without submitting title	–	No title submission	Access is denied	1. Directly enter analysis page URL without submission	Redirected to dashboard or error page	Passed

2.3. Register Title

#	TS8
Title	Verify "Register Title" functionality
Description	To test the different scenarios that might arise while a title applicant is trying to register a title

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	Register an approved title successfully	TS7	Title is accepted and not registered	Title form submitted and status set to "Pending"	1. View analysis page 2. Click "Register Title" 3. Fill registration form 4. Submit	Confirmation : "Your registration is under review"	Passed
TC2	Access registration form from history	–	Title is accepted but not registered	Access form via history page	1. Go to Submission History 2. Click accepted title 3. Click "Register Title"	Redirect to registration form	Passed
TC3	Submit incomplete registration form	–	Form is open	Form submission blocked	1. Leave mandatory fields empty 2. Click Submit	Error: "Please fill out all required fields"	Passed
TC4	Register title with invalid data formats	–	User is on form	Validation fails	1. Enter incorrect formats (e.g., number in name field) 2. Submit	Error: "Invalid input format"	Passed
TC5	Cancel registration mid-process	–	Form open or registration submitted	Registration not created or saved as unsubmitted	1. Open form 2. Click "Cancel" or close page	Returned to dashboard; title stays "Accepted – Not Registered"	Passed
TC6	View status after registration submission	TC1	Registration is submitted	Status shown as "Pending"	1. Go to Submission History 2. View registration status	Title marked as "Registration Pending"	Passed
TC7	View final registration approval	–	Official has approved registration	Title marked as "Registered"	1. Wait for approval 2. Open history	Status: "Registered" and notification received	Passed

TC8	Try to register an already registered title	–	Title already registered	Access denied or button disabled	1. Open analysis or history 2. Attempt re-registration	Message: "Title already registered"	Passed
TC9	Submit form with special characters in restricted fields	–	Special characters in restricted fields	Submission blocked	1. Enter "John@Doe" in owner name field 2. Submit	Error: "Special characters not allowed"	Passed
TC10	Skip optional fields and register	–	Optional fields left empty	Title registered if required fields filled	1. Fill only required fields 2. Submit	Registration proceeds; success message shown	Passed
TC11	Resubmit after initial registration cancel	TC5	User cancelled registration earlier	Form re-accessible, new attempt possible	1. Open title from history 2. Click "Register Title" 3. Resubmit form	Form submitted; status "Pending"	Passed
TC12	Receive notification after approval	TC1, TC7	Title approved by PRGI Official	Notification shown	1. Wait for official approval 2. Login to view updates	Notification: "Your title has been registered successfully"	Passed
TC13	Attempt registration without title approval	–	Title is not yet accepted	Access denied	1. Submit unverified title 2. Try to access register button	Message: "Title not yet approved for registration"	Passed

2.4. Approve/Reject Title Registrations

#	TS9
Title	Verify "Approve/Reject Title Registration" functionality
Description	To test the different scenarios that might arise while an official is trying to approve or reject a title registration request

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	Approve a valid registration request	TS8	Valid registration form is submitted	Title marked as "Registered"; added to official records	1. Official logs in 2. Opens Registration Requests 3. Reviews form 4. Confirms external verification 5. Clicks Approve	Title status: "Registered"; Notification sent to applicant	Passed
TC2	Reject an invalid or incomplete registration	–	Form exists but is legally non-compliant	Request removed; applicant notified	1. Open Registration Requests 2. Identify discrepancies 3. Click Reject	Title removed from pending list; "Rejected" notice sent	Passed
TC3	Postpone action for incomplete external verification	–	External legal steps not completed	Status remains "Pending"	1. Open request 2. Decide to wait 3. Take no action	Title remains in pending list	Passed
TC4	View pending registration requests list	–	Official is logged in	All pending titles listed	1. Navigate to Registration Requests section	Display list of unprocessed registration forms	Passed
TC5	View full registration form details	–	Request is selected	All user-submitted data shown	1. Select a pending title 2. Open full form	Title and applicant data shown in detail	Passed
TC6	Title becomes public after approval	TC1	Title is registered	Visible in "Existing Titles" section	1. Approve registration 2. Go to Existing Titles	Newly registered title appears	Passed
TC7	Official receives confirmation of approval action	TC1	Registration approved	Acknowledgment shown to official	1. Approve title 2. Complete action	Message: "Title registered successfully" shown	Passed

TC8	Applicant receives notification after decision	TC1, TC2	Request is approved or rejected	Message sent to applicant's dashboard	1. Submit registration 2. Wait for official decision 3. Login again	Notification: "Your title was approved" or "Registration rejected"	Passed
TC9	Title status changed in the applicant's registration history	TC1, TC2	Official approves or rejects title registration request	The status is changed according to the action	1. Access registration history section 2. Look at the status field for a title	The title's status field is changed to registered or rejected	Passed

2.5. Manage Restricted Words and Affixes

#	TS10
Title	Verify "Manage Restricted Words and Affixes" functionality
Description	To test the different scenarios that might arise while an official is trying to manage restricted words and affixes

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	View existing restricted words and affixes	–	Official is logged in	List of all restricted terms shown	1. Navigate to Manage Restrictions 2. View displayed list	Words and affixes are listed with metadata	Passed
TC2	Add new restricted word successfully	–	Word does not exist in list	Word added to list and visible to all	1. Click "Add Word" 2. Enter valid word 3. Confirm addition	Success: "Word added successfully"; Notification sent	Passed
TC3	Add new restricted affix with category	–	Affix is new	Affix saved with prefix/suffix type	1. Click "Add Affix" 2. Enter affix 3. Choose category (prefix/suffix) 4. Confirm	Affix added and categorized; Notification sent	Passed

TC4	Attempt to add duplicate word/affix	–	Word/affix already exists	Entry rejected	1. Enter an existing word/affix 2. Submit	Error: “This word/affix already exists”	Passed
TC5	Modify existing word	–	Word selected from list	Word spelling or details updated	1. Select a word 2. Edit the text 3. Save changes	Word updated; date and user saved	Passed
TC6	Modify existing affix	–	Affix selected from list	Affix spelling or category changed	1. Select affix 2. Change spelling or category 3. Save	Affix updated; changes recorded	Passed
TC7	Delete a restricted word	–	Word selected from list	Word removed from restrictions	1. Select word 2. Click Delete 3. Confirm action	Word deleted; notification sent	Passed
TC8	Delete a restricted affix	–	Affix selected from list	Affix removed	1. Select affix 2. Delete and confirm	Affix removed from list and system	Passed
TC9	Cancel addition of a word/affix	–	Add form is open	No change occurs	1. Click Add Word/Affix 2. Enter word /affix 3. Click Cancel	Form closes; word/affix not added	Passed
TC10	Cancel modification of word/affix	–	Edit form is open	No update saved	1. Select word /affix 2. Edit field 3. Cancel before saving	No change applied	Passed
TC11	Cancel deletion of word/affix	–	Delete confirmation dialog shown	Word/affix remains unchanged	1. Select word /affix 2. Click Delete 3. Click “No” on confirm dialog	Nothing is removed	Passed
TC12	Search for a restricted word by keyword	–	Words exist in list	Filtered result shown	1. Enter partial or full word in search bar	Matching terms displayed	Passed

TC13	Filter affixes by category	–	List contains affixes	Filter result shown	1. Select filter: Prefix or Suffix	Only matching affixes displayed	Passed
TC14	Sort restrictions by name	–	List is visible	Sorted list displayed	1. Click on Name column header	Words sorted alphabetically	Passed
TC15	Sort restrictions by date modified	–	List is visible	Sorted by latest /oldest	1. Click Date Modified column	List updates by date	Passed
TC16	Paginate through a long list of restrictions	–	Many items in list	Paginated data navigable	1. Click next/previous page	Page loads next set of results	Passed
TC17	Validate metadata logging after changes	–	Add/edit/delete performed	Username and timestamp recorded	1. Modify a word 2. Save 3. View metadata	Metadata shows who and when it was changed	Passed
TC18	Notification sent after restriction update	TC2, TC3, TC5 – TC8	Change successfully applied	All officials are notified	1. Add /edit /delete any item 2. Confirm action	Notification: “[Official Name] updated restrictions on [Date]”	Passed
TC19	Restrictions affect future title verification	–	A new word is added to list	New title with word is flagged	1. Add “XYZ” to restriction list 2. Submit title with “XYZ”	Title rejected: “Contains restricted word ‘XYZ’”	Passed

3. TITLE EXPLORATION & RECORDS SUBSYSTEM:

3.1. Search and View Existing Titles

#	TS11
Title	Verify "Search and View Existing Titles" functionality

Description	To test the different scenarios that might arise while a user is trying to search and view existing titles
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#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	View all existing titles	–	User is logged in	Complete list of titles is visible	1. Navigate to “Existing Titles” page	List of titles loaded and displayed	Passed
TC2	Search by exact title keyword	–	User is on titles page	Matching titles displayed	1. Enter full title name in search bar (e.g., “India Today”)	Only relevant results shown	Passed
TC3	Search by partial keyword	–	Titles exist with matching substring	Filtered titles displayed	1. Enter “India” 2. View updated results	Titles with “India” in name are listed	Passed
TC4	Apply alphabetical sort	–	List is loaded	Titles rearranged alphabetically	1. Select sort option: A–Z	Titles reordered accordingly	Passed
TC5	Apply date-based sort	–	List is loaded	Sorted by most recent or oldest first	1. Choose “Date of Registration” 2. Select sort order	Titles listed by date	Passed
TC6	Filter by category	–	Categories are available	Results filtered	1. Select a category filter (e.g., “News”)	Only titles under that category are shown	Passed
TC7	Filter by language	–	Language data available	Titles listed for selected language	1. Choose language filter (e.g., “Hindi”)	Only Hindi titles appear	Passed
TC8	Combined search and filter usage	–	Filters and keywords used together	Narrowed result set shown	1. Apply filter 2. Enter keyword	Filtered search results based on both	Passed

TC9	View title details	–	Titles are listed	Detailed metadata shown	1. Click on a listed title	Full title details shown in a new section /page	Passed
TC10	No matching titles for search	–	Entered keyword does not match any title	User informed, no data shown	1. Enter nonsensical term like “xzyq”	Message: “No matching titles found”	Passed
TC11	Reset search/filter options	–	Search or filters are applied	List returns to full view	1. Click “Reset” or clear filters	Full list of titles displayed again	Passed
TC12	Pagination through titles list	–	List exceeds one page	Next/Previous controls work	1. Click “Next Page” or scroll	Page navigates to next group of titles	Passed
TC13	Navigate away and return	–	User leaves page mid-use	List reloads correctly	1. Navigate away 2. Return to titles page	Titles page reloads or retains state	Passed
TC14	Attempt to search with empty input	–	User leaves search field blank	No change in list	1. Leave search bar empty 2. Click Search	Full title list remains	Passed
TC15	Access denied if not logged in	–	User not logged in	Redirected to login or error	1. Try to access “Existing Titles” page directly	Redirected to login page	Passed

3.2. View Submission History

#	TS12
Title	Verify "View Submission History" functionality
Description	To test the different scenarios that might arise while a user is trying to view their submission history

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	View verification history list	–	User is logged in with at least one verification attempt	List of submitted titles shown	1. Navigate to History 2. Select “Verification History”	Table of previously verified titles with status	Passed
TC2	View registration history list	–	At least one title has been submitted for registration	List of registrations displayed	1. Navigate to History 2. Select “Registration History”	Table of registered and pending titles shown	Passed
TC3	View status and date for each submission	–	Submissions exist	Details loaded with each row	1. View either history list	Each title shows status and date	Passed
TC4	Access analysis page from verification history	–	Title is listed in history	System opens analysis data	1. Click “Info” on a title in verification history	Redirects to analysis page with full details	Passed
TC5	Register accepted title from verification history	–	Title is accepted but not yet registered	Form access provided	1. Click “Info” 2. Click “Register Title”	Redirected to registration page	Passed
TC6	View approved registration info	–	Title was registered by an official	Status shows “Registered”	1. Open registration history 2. Find title	Registered title info shown	Passed
TC7	Cancel a pending registration	–	Registration status is “Pending”	Status updated to “Cancelled”	1. Open history 2. Click “Cancel” on a pending item	Confirmation and status changed	Passed
TC8	Delete a title from verification history	–	Title exists in history	Title removed from history and buffer	1. Open verification history 2. Click	Title deleted and similar titles	Passed

					"Delete" on a title	no longer blocked	
TC9	Attempt to register rejected title from history	–	Title was rejected in verification	Registration disabled	1. Click info on rejected title	No registration option shown	Passed
TC10	Search for a title in history	–	User has many titles	Matching records displayed	1. Enter keyword in history search bar	Titles filtered by keyword	Passed
TC11	Sort history by submission date	–	List of entries exists	History list rearranged	1. Click on "Date" column to sort	Entries sorted accordingly	Passed
TC12	View history when no titles exist	–	New user or no submissions yet	Blank state or message shown	1. Open history with no data	Message: "No submissions yet"	Passed
TC13	System admin views applicant's history	–	Admin is logged in	Applicant history displayed	1. Go to Manage Users 2. Open a user 3. Click "View History"	Verification and registration lists for that user shown	Passed

3.3. Monitor Title Registration History

#	TS13
Title	Verify "Monitor Title Registration History" functionality
Description	To test the different scenarios that might arise while an official is trying to monitor the recent title registrations history

#	Summary	Depen dency	Pre- condition	Post- condition	Execution Steps	Expected Output	Actual Output
TC1	View recently registered	–	PRGI official is logged in	List of registered titles shown	1. Log in as PRGI official 2. View dashboard	List of recently registered	Passed

	titles on dashboard					titles with details	
TC2	Verify order of registration list	–	At least two registered titles exist	List sorted by most recent first	1. Open registration list 2. Check top entries	Latest registered title appears first	Passed
TC3	View title metadata from list	–	Titles are listed	Title description loaded	1. Click on a title from the list	Full registration details shown	Passed
TC4	Refresh registration list view	–	Titles recently updated	List refreshed correctly	1. Refresh dashboard 2. Check title order	Updated title list shown	Passed
TC5	Attempt to view registration list when not logged in	–	Official is logged out or session expired	Access denied	1. Try accessing dashboard directly 2. System checks session	Redirected to login page	Passed

4. SUPPORT & HELP SUBSYSTEM:

4.1. Access Help & Guidelines

#	TS14
Title	Verify "Access Help & Guidelines" functionality
Description	To test the different scenarios that might arise while a user is trying to access help & guidelines section

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	Access Help & Guidelines section	–	User is logged in	Help topics are displayed	1. Click on "Help & Guidelines" in menu	System loads help topics list	Passed
TC2	View general	–	Help page is open	General system	1. Open Help 2. Click	Introductory content is shown	Passed

	overview topic			overview displayed	"General Overview"		
TC3	View title submission process guide	–	Help page is open	Steps for submission explained	1. Open Help 2. Click "Title Submission Process"	Guidelines for submitting titles shown	Passed
TC4	View analysis page explanation	–	Help page is open	User understands score and feedback	1. Click "Analysis Page Explanation" topic	Explanation of scores and feedback shown	Passed
TC5	View title registration process	–	Help page is open	Title registration info shown	1. Open Help 2. Click "Title Registration"	Registration process steps are displayed	Passed
TC6	Access submission history guidance	–	Help section open	History usage instructions shown	1. Open Help 2. Click "Accessing Submission History"	Info on using history page displayed	Passed
TC7	Learn about existing titles access	–	Help section open	Title search and filter guidance shown	1. Open Help 2. Click "Existing Titles"	Instructions on exploring titles appear	Passed
TC8	Understand notification system	–	Help page open	Notification details provided	1. Click "Notification" topic	Info on alerts, registration updates displayed	Passed
TC9	View official guidelines	–	PRGI official is logged in	Topic related to official roles appears	1. Click "Guidelines for Officials"	Details on managing restrictions, approvals	Passed
TC10	Download help document	–	Downloads are available	Help file saved locally	1. Click "Download PDF" on any help topic	File downloaded successfully	Passed

TC11	Attempt to access help without login	–	User not authenticated	Access granted	1. Try to access help document	Help document is shown without any restrictions	Passed
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4.2. Contact Support

#	TS15
Title	Verify "Contact Support" functionality
Description	To test the different scenarios that might arise while a user is trying to contact support6

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	Access Contact Support page	–	User is logged in	Contact form displayed	1. Navigate to "Contact Support"	Form with issue description field shown	Passed
TC2	Submit valid support request	–	User has entered a valid message	Request sent to admin	1. Type issue in input box 2. Click "Submit"	Message sent; confirmation shown	Passed
TC3	Submit request with empty message	–	User submits form with no text	Submission blocked	1. Leave message box blank 2. Click "Submit"	Error: "Please enter a message"	Passed
TC4	Submit extremely long message	–	Message exceeds limit (e.g., 1000+ chars)	Submission blocked	1. Paste long content into box 2. Submit	Error: "Message too long"	Passed
TC5	Submit message with special characters	–	Special characters included	Message accepted	1. Enter "#@! Issue with login" 2. Submit	Request submitted successfully	Passed

TC6	System sends message to admin inbox	TC2	Valid submission made	Admin receives message	1. User submits request 2. Admin logs in	Support request visible to admin	Passed
TC7	Admin responds to message	–	Admin opens request	User receives response notification	1. Admin types reply 2. Submits response	Message reaches user inbox/notification panel	Passed
TC8	User views support response	TC7	Response available	Message displayed	1. Click on notification or view inbox	Full response content shown	Passed
TC9	User navigates away before submitting	–	Message typed but not submitted	Message lost if not saved	1. Type message 2. Leave page	Form cleared; no data saved	Passed
TC10	Multiple support queries from same user	–	User submits more than one issue	All listed in user history or inbox	1. Submit several issues over time	Multiple entries tracked individually	Passed
TC11	Notification delay for admin response	–	Admin takes time to respond	User sees message only when available	1. Submit request 2. Wait without reply	No immediate notification shown	Passed
TC12	Access Contact Support as official	–	PRGI Official is logged in	Same form shown	1. Official opens “Contact Support”	Form to submit issue is available	Passed
TC13	Attempt to submit contact message without login	–	User not authenticated	Access denied	1. Open contact page URL directly	Redirect to login page	Passed

4.3. Respond to Support Queries

#	TS16
Title	Verify "Respond to Support Queries" functionality
Description	To test the different scenarios that might arise while the admin is trying to respond to submitted support queries

#	Summary	Dependency	Pre-condition	Post-condition	Execution Steps	Expected Output	Actual Output
TC1	View list of support requests	–	Admin is logged in and support queries exist	Requests are listed	1. Go to "Support Requests" section	List of support tickets with username, role, and timestamp	Passed
TC2	View details of a specific request	TC1	At least one query listed	Full query content shown	1. Click on a support request	Message content from user is displayed	Passed
TC3	Respond to a support query	–	Admin has opened a support ticket	Message delivered to user as notification	1. Enter reply 2. Click "Send"	Confirmation shown; user receives notification	Passed
TC4	Attempt to respond with empty message	–	No text in reply box	Submission blocked	1. Leave reply field blank 2. Click "Send"	Error: "Response message cannot be empty"	Passed
TC5	Respond using multiline message	–	Admin enters multiline text	Format preserved in response	1. Enter multi-line response 2. Submit	Response appears with line breaks preserved	Passed
TC6	Filter requests by user role	–	Multiple tickets from different roles exist	Filtered list shown	1. Select filter: "PRGI Official"	Only requests from PRGI Officials are listed	Passed
TC7	Sort support queries by	–	Support queries	List sorted accordingly	1. Apply sort by "Date:	Requests reordered by date	Passed

	submission date		have varied timestamps		Newest First”		
TC8	Cancel a draft response	–	Admin types reply but cancels	No response sent	1. Type message 2. Click Cancel	Text cleared; no action taken	Passed
TC9	Respond to multiple requests in sequence	–	Several requests exist	All get responded individually	1. Open each query 2. Type and send replies	Responses recorded for each user	Passed
TC10	View request with long message	–	User’s message is lengthy	Scrollable or expanded view shown	1. Select request with long description	Full message is readable	Passed
TC11	Respond after long inactivity	–	Admin responds after delay	User still receives notification	1. Respond to an older support query	Notification still delivered to user	Passed
TC12	Attempt to view support section without login	–	Admin is logged out	Access denied	1. Open direct URL to support panel	Redirected to login page	Passed

END