

Test Cases Report - 65 Test Cases

Total Test Cases	65
Categories	Usability, Compliance, Error Handling, Integration, Security, Functional, Performance
Priority Levels	High, Critical, Medium, Low
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Test Case 1: Successful Entitlement Assignment During Onboarding

Test ID	TC_001
Module	Corporate Module > Entitlement Management
Category	Functional
Priority	Critical
Test Type	Positive
Risk Level	High
Estimated Time	5 minutes
Description	Assign a governmental payment entitlement to a new corporate customer during onboarding.
Objective	Validate entitlement assignment workflow for new customers.
Preconditions	Admin user logged in; Customer onboarding in progress
Test Steps	Navigate to onboarding; Select entitlements; Save changes
Expected Result	Entitlement is successfully assigned and reflected in customer profile.
Validation Criteria	Entitlement visible in UI; Database updated
Dependencies	User authentication; Entitlement catalog loaded

Test Case 2: Entitlement Modification by Admin Post-Onboarding

Test ID	TC_002
Module	Corporate Module > Entitlement Management
Category	Functional
Priority	High
Test Type	Positive
Risk Level	Medium
Estimated Time	4 minutes

Description	Admin modifies an existing entitlement for a corporate customer.
Objective	Ensure entitlements can be updated after onboarding.
Preconditions	Admin user logged in; Customer has existing entitlements
Test Steps	Search for customer; Edit entitlements; Save changes
Expected Result	Entitlement is updated and audit log is created.
Validation Criteria	Entitlement updated; Audit log entry exists
Dependencies	Audit trail enabled

Test Case 3: Unauthorized Entitlement Modification Attempt

Test ID	TC_003
Module	Corporate Module > Entitlement Management
Category	Security
Priority	Critical
Test Type	Negative
Risk Level	High
Estimated Time	3 minutes
Description	Non-admin user attempts to modify another customer's entitlement.
Objective	Verify role-based access control prevents unauthorized changes.
Preconditions	User with limited permissions logged in
Test Steps	Attempt to edit another customer's entitlements
Expected Result	Access denied error message displayed.
Validation Criteria	No entitlement change; Error message shown
Dependencies	RBAC configured

Test Case 4: Entitlement Assignment with Invalid Data Type

Test ID	TC_004
Module	Corporate Module > Entitlement Management
Category	Functional
Priority	High
Test Type	Negative
Risk Level	High
Estimated Time	2 minutes
Description	Attempt to assign an entitlement using invalid data type.
Objective	Test data validation for entitlement assignment.
Preconditions	Admin user logged in

Test Steps	Enter invalid data (e.g., special characters in numeric field); Save
Expected Result	Validation error is displayed and assignment is blocked.
Validation Criteria	Error message shown; No data saved
Dependencies	Field validation implemented

Test Case 5: SWIFT Character Set Compliance in Text Fields

Test ID	TC_005
Module	Corporate Module > Data Validation
Category	Compliance
Priority	Medium
Test Type	Positive
Risk Level	Medium
Estimated Time	2 minutes
Description	Input text in fields restricted to SWIFT-compliant characters.
Objective	Ensure only allowed characters are accepted.
Preconditions	User logged in
Test Steps	Enter SWIFT-compliant text; Save
Expected Result	Data is accepted and saved.
Validation Criteria	Data saved; No error message
Dependencies	SWIFT validation logic

Test Case 6: SWIFT Character Set Violation in Text Fields

Test ID	TC_006
Module	Corporate Module > Data Validation
Category	Compliance
Priority	High
Test Type	Negative
Risk Level	High
Estimated Time	2 minutes
Description	Input non-SWIFT characters in restricted fields.
Objective	Block non-compliant characters in input.
Preconditions	User logged in
Test Steps	Enter disallowed characters; Save
Expected Result	Validation error prevents saving.
Validation Criteria	Error message; No data saved

Dependencies	SWIFT validation logic
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Test Case 7: Mandatory Field Enforcement During Entitlement Assignment

Test ID	TC_007
Module	Corporate Module > Entitlement Management
Category	Functional
Priority	High
Test Type	Negative
Risk Level	High
Estimated Time	2 minutes
Description	Leave a mandatory field blank when assigning entitlement.
Objective	Ensure mandatory fields are enforced.
Preconditions	Admin user logged in
Test Steps	Leave mandatory field blank; Attempt to save
Expected Result	System blocks save and highlights missing field.
Validation Criteria	Error shown; No data saved
Dependencies	Field validation implemented

Test Case 8: Conditional Mandatory Field Logic

Test ID	TC_008
Module	Corporate Module > Data Validation
Category	Functional
Priority	Medium
Test Type	Negative
Risk Level	Medium
Estimated Time	3 minutes
Description	Test conditional mandatory field logic based on selected entitlement.
Objective	Validate dynamic field requirements.
Preconditions	Admin user logged in
Test Steps	Select entitlement triggering conditional field; Leave field blank; Save
Expected Result	System enforces conditional mandatory logic.
Validation Criteria	Error shown; No data saved
Dependencies	Conditional logic implemented

Test Case 9: Dropdown List Value Selection

Test ID	TC_009
Module	Corporate Module > UI Components
Category	Usability
Priority	Low
Test Type	Boundary
Risk Level	Low
Estimated Time	2 minutes
Description	Select valid and invalid values from entitlement dropdown.
Objective	Ensure only allowed values can be selected.
Preconditions	User logged in
Test Steps	Open dropdown; Select each value; Save
Expected Result	Only allowed values are accepted.
Validation Criteria	No invalid value accepted
Dependencies	Dropdown configured

Test Case 10: Checkbox Default State Verification

Test ID	TC_010
Module	Corporate Module > UI Components
Category	Usability
Priority	Low
Test Type	Positive
Risk Level	Low
Estimated Time	1 minute
Description	Check default state of entitlement checkboxes during onboarding.
Objective	Ensure default checked/unchecked state aligns with entitlement logic.
Preconditions	User logged in
Test Steps	Navigate to entitlement form; Observe checkbox state
Expected Result	Checkboxes are in correct default state.
Validation Criteria	Default state matches documentation
Dependencies	Entitlement logic configured

Test Case 11: Auto-Rejection of Incomplete Workflow After 45 Days

Test ID	TC_011
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Module	Corporate Module > Workflow Automation
Category	Functional
Priority	Critical
Test Type	Boundary
Risk Level	High
Estimated Time	N/A (simulated)
Description	Simulate incomplete transaction and verify auto-rejection after 45 days.
Objective	Validate workflow timeout and auto-rejection logic.
Preconditions	Transaction initiated; No approval actions taken
Test Steps	Initiate workflow; Wait 45 days; Check transaction status
Expected Result	Transaction is auto-rejected after 45 days.
Validation Criteria	Status updated; Audit log entry
Dependencies	Workflow timer implemented
Notes	Simulate time passage if possible.

Test Case 12: Pre-Auto-Rejection Notification Delivery

Test ID	TC_012
Module	Corporate Module > Workflow Automation
Category	Functional
Priority	High
Test Type	Positive
Risk Level	Medium
Estimated Time	N/A (simulated)
Description	Verify notification is sent 7, 3, and 1 day before auto-rejection.
Objective	Ensure timely notifications for pending workflows.
Preconditions	Transaction pending; Notification system active
Test Steps	Simulate days before timeout; Check for notifications
Expected Result	Notifications are sent at correct intervals.
Validation Criteria	Notification logs; User receives alerts
Dependencies	Notification system

Test Case 13: Manual Override of Auto-Rejection

Test ID	TC_013
Module	Corporate Module > Workflow Automation
Category	Error Handling

Priority	High
Test Type	Positive
Risk Level	Medium
Estimated Time	3 minutes
Description	Admin attempts to override auto-rejection for critical transaction.
Objective	Test manual override and exception handling.
Preconditions	Transaction pending auto-rejection; Admin logged in
Test Steps	Navigate to pending transaction; Attempt override; Confirm action
Expected Result	Override is successful and recorded in audit trail.
Validation Criteria	Status updated; Audit log entry
Dependencies	Override logic implemented

Test Case 14: Audit Trail for Entitlement Changes

Test ID	TC_014
Module	Corporate Module > Audit Logging
Category	Compliance
Priority	High
Test Type	Positive
Risk Level	Medium
Estimated Time	2 minutes
Description	Verify all entitlement changes are logged.
Objective	Ensure auditability for compliance.
Preconditions	Admin user logged in
Test Steps	Modify entitlement; Check audit logs
Expected Result	Change is recorded with user, timestamp, and details.
Validation Criteria	Log entry exists; Correct details recorded
Dependencies	Audit logging enabled

Test Case 15: Role-Based Access Control Enforcement

Test ID	TC_015
Module	Corporate Module > Security
Category	Security
Priority	Critical
Test Type	Positive
Risk Level	High

Estimated Time	4 minutes
Description	Test that only authorized roles can access entitlement management features.
Objective	Validate RBAC implementation.
Preconditions	Multiple user roles exist
Test Steps	Login as various roles; Attempt access to entitlement management
Expected Result	Only authorized roles can access features.
Validation Criteria	Access granted/denied as expected
Dependencies	RBAC configured

Test Case 16: SQL Injection Attempt on Entitlement Fields

Test ID	TC_016
Module	Corporate Module > Security
Category	Security
Priority	Critical
Test Type	Negative
Risk Level	High
Estimated Time	2 minutes
Description	Attempt SQL injection via entitlement input fields.
Objective	Test for SQL injection vulnerability.
Preconditions	User logged in
Test Steps	Enter SQL injection string; Submit form
Expected Result	Input is sanitized and no injection occurs.
Validation Criteria	No database error; Input rejected
Dependencies	Input sanitization

Test Case 17: Cross-Site Scripting (XSS) in Text Fields

Test ID	TC_017
Module	Corporate Module > Security
Category	Security
Priority	Critical
Test Type	Negative
Risk Level	High
Estimated Time	2 minutes
Description	Test for XSS by entering script tags in text fields.
Objective	Ensure system is protected against XSS.

Preconditions	User logged in
Test Steps	Enter <script>alert('XSS')</script>; Save
Expected Result	Input is sanitized and script not executed.
Validation Criteria	No script execution; Input rejected
Dependencies	Input sanitization

Test Case 18: Session Timeout After Inactivity

Test ID	TC_018
Module	Corporate Module > User Authentication
Category	Security
Priority	High
Test Type	Positive
Risk Level	Medium
Estimated Time	N/A (simulated)
Description	Verify user session times out after configured inactivity period.
Objective	Test session management and security.
Preconditions	User logged in
Test Steps	Remain inactive for timeout period; Attempt action
Expected Result	User is logged out and must re-authenticate.
Validation Criteria	Session ended; Login required
Dependencies	Session timeout configured

Test Case 19: Password Policy Enforcement

Test ID	TC_019
Module	Corporate Module > User Authentication
Category	Security
Priority	Medium
Test Type	Negative
Risk Level	Medium
Estimated Time	2 minutes
Description	Test password complexity requirements during user registration.
Objective	Ensure password policy is enforced.
Preconditions	User registration enabled
Test Steps	Enter weak password; Submit registration
Expected Result	Weak password is rejected.

Validation Criteria	Error message; No registration
Dependencies	Password policy configured

Test Case 20: Successful User Login

Test ID	TC_020
Module	Corporate Module > User Authentication
Category	Functional
Priority	Critical
Test Type	Positive
Risk Level	High
Estimated Time	1 minute
Description	Verify user can login with valid credentials.
Objective	Test authentication workflow.
Preconditions	User account exists
Test Steps	Enter valid credentials; Submit
Expected Result	User is authenticated and redirected to dashboard.
Validation Criteria	Dashboard loaded
Dependencies	User account exists

Test Case 21: Failed Login with Invalid Credentials

Test ID	TC_021
Module	Corporate Module > User Authentication
Category	Security
Priority	Critical
Test Type	Negative
Risk Level	High
Estimated Time	1 minute
Description	Attempt login with invalid credentials.
Objective	Ensure authentication rejects invalid users.
Preconditions	User account exists
Test Steps	Enter invalid credentials; Submit
Expected Result	Login fails and error message is shown.
Validation Criteria	Error message; No access granted
Dependencies	User account exists

Test Case 22: API Endpoint for Entitlement Retrieval

Test ID	TC_022
Module	Corporate Module > API
Category	Integration
Priority	High
Test Type	Positive
Risk Level	Medium
Estimated Time	2 minutes
Description	Call API to retrieve entitlements for a customer.
Objective	Validate API returns correct entitlement data.
Preconditions	API user authenticated; Customer has entitlements
Test Steps	Call GET /entitlements; Check response
Expected Result	API returns correct entitlements in response.
Validation Criteria	HTTP 200; Correct data structure
Dependencies	API server running

Test Case 23: API Endpoint Unauthorized Access Attempt

Test ID	TC_023
Module	Corporate Module > API
Category	Security
Priority	Critical
Test Type	Negative
Risk Level	High
Estimated Time	1 minute
Description	Call API without authentication token.
Objective	Ensure API is protected from unauthorized access.
Preconditions	API server running
Test Steps	Call GET /entitlements without token
Expected Result	API returns 401 Unauthorized.
Validation Criteria	HTTP 401; No data returned
Dependencies	API authentication enabled

Test Case 24: API Endpoint Input Validation

Test ID	TC_024
Module	Corporate Module > API

Category	Functional
Priority	High
Test Type	Negative
Risk Level	High
Estimated Time	2 minutes
Description	Send invalid data in API request body.
Objective	Test API input validation logic.
Preconditions	API user authenticated
Test Steps	POST invalid data to /entitlements
Expected Result	API returns validation error.
Validation Criteria	HTTP 400; Error message
Dependencies	API input validation

Test Case 25: File Upload: Valid Beneficiary List

Test ID	TC_025
Module	Corporate Module > Beneficiary Management
Category	Functional
Priority	High
Test Type	Positive
Risk Level	Medium
Estimated Time	3 minutes
Description	Upload a valid beneficiary list file via admin portal.
Objective	Ensure file is processed and beneficiaries added.
Preconditions	Admin logged in; Valid file prepared
Test Steps	Navigate to upload; Select file; Upload
Expected Result	Beneficiaries are added and confirmation is displayed.
Validation Criteria	Beneficiaries in system; Success message
Dependencies	File upload enabled

Test Case 26: File Upload: Invalid File Format

Test ID	TC_026
Module	Corporate Module > Beneficiary Management
Category	Functional
Priority	High
Test Type	Negative

Risk Level	High
Estimated Time	2 minutes
Description	Attempt to upload a file in an unsupported format.
Objective	Ensure system rejects invalid file formats.
Preconditions	Admin logged in
Test Steps	Select unsupported file; Upload
Expected Result	System displays error and file is not processed.
Validation Criteria	Error message; No data processed
Dependencies	File type validation

Test Case 27: File Upload: Large File Handling

Test ID	TC_027
Module	Corporate Module > Beneficiary Management
Category	Performance
Priority	Medium
Test Type	Boundary
Risk Level	Medium
Estimated Time	5 minutes
Description	Upload a large beneficiary file to test system limits.
Objective	Test performance and error handling for large files.
Preconditions	Admin logged in; Large file prepared
Test Steps	Select large file; Upload
Expected Result	File is processed or appropriate error shown if size exceeds limit.
Validation Criteria	File processed or error logged
Dependencies	File size limits configured

Test Case 28: Integration: Admin Portal and Customer Portal Entitlement Sync

Test ID	TC_028
Module	Corporate Module > Integration
Category	Integration
Priority	High
Test Type	Positive
Risk Level	Medium
Estimated Time	3 minutes

Description	Verify entitlements added via admin portal are reflected in customer portal.
Objective	Ensure data consistency across portals.
Preconditions	Admin adds entitlement; Customer portal accessible
Test Steps	Add entitlement in admin portal; Login to customer portal; Check entitlements
Expected Result	Entitlement is visible in both portals.
Validation Criteria	Entitlement visible in both portals
Dependencies	Data sync implemented

Test Case 29: Integration: Entitlement Change Notification

Test ID	TC_029
Module	Corporate Module > Integration
Category	Integration
Priority	Medium
Test Type	Positive
Risk Level	Medium
Estimated Time	2 minutes
Description	Verify notification is sent to customer when entitlement is changed by admin.
Objective	Ensure customers are informed of entitlement changes.
Preconditions	Admin changes entitlement; Notification system active
Test Steps	Change entitlement; Check customer notifications
Expected Result	Notification is received by customer.
Validation Criteria	Notification delivered
Dependencies	Notification integration

Test Case 30: Performance: Bulk Entitlement Assignment

Test ID	TC_030
Module	Corporate Module > Performance
Category	Performance
Priority	High
Test Type	Positive
Risk Level	Medium
Estimated Time	10 minutes
Description	Assign entitlements to 1000 customers in a batch.
Objective	Test system performance under bulk operations.
Preconditions	Admin logged in; Bulk assignment feature enabled

Test Steps	Prepare batch file; Upload and process
Expected Result	All entitlements assigned within acceptable time frame.
Validation Criteria	Time to complete; No errors
Dependencies	Bulk processing logic

Test Case 31: Performance: API Load Test

Test ID	TC_031
Module	Corporate Module > API
Category	Performance
Priority	High
Test Type	Boundary
Risk Level	Medium
Estimated Time	10 minutes
Description	Simulate 500 concurrent API requests to /entitlements endpoint.
Objective	Assess API scalability and response time.
Preconditions	API server running
Test Steps	Simulate 500 concurrent GET requests
Expected Result	All requests return 200 OK within SLA.
Validation Criteria	Response time; No errors
Dependencies	Load testing tool

Test Case 32: Database: Entitlement Record Creation

Test ID	TC_032
Module	Corporate Module > Database Operations
Category	Functional
Priority	High
Test Type	Positive
Risk Level	Medium
Estimated Time	2 minutes
Description	Verify new entitlement creates correct database record.
Objective	Ensure database integrity on create.
Preconditions	Database accessible
Test Steps	Assign new entitlement; Query database
Expected Result	Record exists with correct values.
Validation Criteria	Correct DB record

Dependencies	DB access
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Test Case 33: Database: Entitlement Record Update

Test ID	TC_033
Module	Corporate Module > Database Operations
Category	Functional
Priority	Medium
Test Type	Positive
Risk Level	Low
Estimated Time	2 minutes
Description	Change entitlement and verify database update.
Objective	Ensure updates are reflected in DB.
Preconditions	Entitlement exists
Test Steps	Modify entitlement; Query database
Expected Result	Database record is updated.
Validation Criteria	Updated DB record
Dependencies	DB access

Test Case 34: Database: Entitlement Record Deletion

Test ID	TC_034
Module	Corporate Module > Database Operations
Category	Functional
Priority	Medium
Test Type	Positive
Risk Level	Low
Estimated Time	2 minutes
Description	Delete an entitlement and verify removal from database.
Objective	Ensure deletions are handled correctly.
Preconditions	Entitlement exists
Test Steps	Delete entitlement; Query database
Expected Result	Record is removed from DB.
Validation Criteria	Record no longer exists
Dependencies	DB access

Test Case 35: Configuration: Add New Payment Type via Admin Portal

Test ID	TC_035
Module	Corporate Module > Configuration Management
Category	Functional
Priority	Critical
Test Type	Positive
Risk Level	High
Estimated Time	3 minutes
Description	Admin adds a new governmental payment type post go-live.
Objective	Validate extensibility and dynamic configuration.
Preconditions	Admin logged in
Test Steps	Navigate to payment types; Add new type; Save
Expected Result	New payment type is available for entitlement assignment.
Validation Criteria	Type visible in UI; DB updated
Dependencies	Dynamic config enabled

Test Case 36: Configuration: Attempt to Add Duplicate Payment Type

Test ID	TC_036
Module	Corporate Module > Configuration Management
Category	Functional
Priority	High
Test Type	Negative
Risk Level	Medium
Estimated Time	2 minutes
Description	Attempt to add a payment type that already exists.
Objective	Test duplicate prevention logic.
Preconditions	Payment type exists
Test Steps	Add existing payment type; Save
Expected Result	System blocks duplicate and shows error.
Validation Criteria	Error shown; No duplicate added
Dependencies	Duplicate check logic

Test Case 37: Backup: Scheduled Database Backup

Test ID	TC_037
Module	Corporate Module > Backup and Recovery
Category	Functional
Priority	High
Test Type	Positive
Risk Level	Medium
Estimated Time	N/A (scheduled)
Description	Verify scheduled database backup completes successfully.
Objective	Ensure data protection and recoverability.
Preconditions	Backup schedule configured
Test Steps	Wait for scheduled backup; Check backup logs
Expected Result	Backup completes without errors.
Validation Criteria	Backup file exists; No errors
Dependencies	Backup system

Test Case 38: Recovery: Restore from Backup

Test ID	TC_038
Module	Corporate Module > Backup and Recovery
Category	Functional
Priority	Critical
Test Type	Positive
Risk Level	High
Estimated Time	10 minutes
Description	Simulate data loss and restore system from backup.
Objective	Test recovery procedures.
Preconditions	Recent backup available
Test Steps	Delete test data; Restore from backup; Verify data
Expected Result	System is restored to backup state.
Validation Criteria	Data matches backup
Dependencies	Backup file

Test Case 39: Compliance: Egypt-Specific Entitlement Logic

Test ID	TC_039
Module	Corporate Module > Compliance
Category	Compliance

Priority	High
Test Type	Positive
Risk Level	High
Estimated Time	3 minutes
Description	Assign entitlements with Egypt-specific rules.
Objective	Ensure country-specific logic is enforced.
Preconditions	Customer jurisdiction set to Egypt
Test Steps	Assign Egypt-specific entitlement; Save
Expected Result	Only allowed entitlements are assignable.
Validation Criteria	Only allowed options shown
Dependencies	Country logic configured

Test Case 40: Compliance: Attempt to Assign Disallowed Entitlement for Egypt

Test ID	TC_040
Module	Corporate Module > Compliance
Category	Compliance
Priority	Critical
Test Type	Negative
Risk Level	High
Estimated Time	2 minutes
Description	Attempt to assign a non-permitted entitlement to an Egyptian customer.
Objective	System blocks disallowed options based on country.
Preconditions	Customer jurisdiction set to Egypt
Test Steps	Attempt to assign disallowed entitlement; Save
Expected Result	System blocks assignment and shows error.
Validation Criteria	Error shown; No assignment
Dependencies	Country logic configured

Test Case 41: Cross-Browser: Chrome Compatibility

Test ID	TC_041
Module	Corporate Module > UI
Category	Usability
Priority	Medium
Test Type	Positive

Risk Level	Low
Estimated Time	5 minutes
Description	Test all UI features in Chrome browser.
Objective	Ensure UI is fully functional in Chrome.
Preconditions	Chrome browser installed
Test Steps	Login; Navigate all modules; Perform actions
Expected Result	UI renders and functions correctly.
Validation Criteria	No rendering issues; All actions work
Dependencies	UI deployed

Test Case 42: Cross-Browser: Firefox Compatibility

Test ID	TC_042
Module	Corporate Module > UI
Category	Usability
Priority	Medium
Test Type	Positive
Risk Level	Low
Estimated Time	5 minutes
Description	Test all UI features in Firefox browser.
Objective	Ensure UI is fully functional in Firefox.
Preconditions	Firefox browser installed
Test Steps	Login; Navigate all modules; Perform actions
Expected Result	UI renders and functions correctly.
Validation Criteria	No rendering issues; All actions work
Dependencies	UI deployed

Test Case 43: Cross-Browser: Edge Compatibility

Test ID	TC_043
Module	Corporate Module > UI
Category	Usability
Priority	Medium
Test Type	Positive
Risk Level	Low
Estimated Time	5 minutes
Description	Test all UI features in Edge browser.

Objective	Ensure UI is fully functional in Edge.
Preconditions	Edge browser installed
Test Steps	Login; Navigate all modules; Perform actions
Expected Result	UI renders and functions correctly.
Validation Criteria	No rendering issues; All actions work
Dependencies	UI deployed

Test Case 44: Cross-Browser: Safari Compatibility

Test ID	TC_044
Module	Corporate Module > UI
Category	Usability
Priority	Medium
Test Type	Positive
Risk Level	Low
Estimated Time	5 minutes
Description	Test all UI features in Safari browser.
Objective	Ensure UI is fully functional in Safari.
Preconditions	Safari browser installed
Test Steps	Login; Navigate all modules; Perform actions
Expected Result	UI renders and functions correctly.
Validation Criteria	No rendering issues; All actions work
Dependencies	UI deployed

Test Case 45: UI: Field Length Boundary Test

Test ID	TC_045
Module	Corporate Module > UI Components
Category	Functional
Priority	Medium
Test Type	Boundary
Risk Level	Low
Estimated Time	2 minutes
Description	Enter maximum allowed characters in text fields.
Objective	Test field length enforcement.
Preconditions	User logged in
Test Steps	Enter maximum characters; Save

Expected Result	Data is accepted and saved.
Validation Criteria	Data saved; No error
Dependencies	Field length validation

Test Case 46: UI: Exceed Field Length Limit

Test ID	TC_046
Module	Corporate Module > UI Components
Category	Functional
Priority	Medium
Test Type	Boundary
Risk Level	Low
Estimated Time	2 minutes
Description	Enter more than allowed characters in text fields.
Objective	Ensure system blocks excess input.
Preconditions	User logged in
Test Steps	Enter excess characters; Save
Expected Result	System truncates or blocks excess input.
Validation Criteria	Error or truncation
Dependencies	Field length validation

Test Case 47: UI: Multi-Select Dropdown Functionality

Test ID	TC_047
Module	Corporate Module > UI Components
Category	Usability
Priority	Low
Test Type	Positive
Risk Level	Low
Estimated Time	2 minutes
Description	Select multiple entitlements using multi-select dropdown.
Objective	Ensure multi-select works as intended.
Preconditions	User logged in
Test Steps	Open multi-select; Select multiple options; Save
Expected Result	All selected values are saved.
Validation Criteria	All values saved
Dependencies	Multi-select implemented

Test Case 48: UI: Checkbox Selection Limit

Test ID	TC_048
Module	Corporate Module > UI Components
Category	Usability
Priority	Low
Test Type	Boundary
Risk Level	Low
Estimated Time	2 minutes
Description	Attempt to select more checkboxes than allowed.
Objective	Test selection limits on checkboxes.
Preconditions	User logged in
Test Steps	Select maximum allowed checkboxes; Attempt to select more
Expected Result	System blocks selection beyond limit.
Validation Criteria	Limit enforced
Dependencies	Selection limit logic

Test Case 49: Error Handling: API Returns 500 on Server Error

Test ID	TC_049
Module	Corporate Module > API
Category	Error Handling
Priority	Medium
Test Type	Negative
Risk Level	Medium
Estimated Time	2 minutes
Description	Simulate server error and verify API returns 500.
Objective	Test error handling for server failures.
Preconditions	API server running
Test Steps	Trigger server error; Call API
Expected Result	API returns 500 Internal Server Error.
Validation Criteria	HTTP 500 returned
Dependencies	Error simulation

Test Case 50: Error Handling: UI Displays Friendly Error on API Failure

Test ID	TC_050
Module	Corporate Module > UI
Category	Error Handling
Priority	Medium
Test Type	Negative
Risk Level	Medium
Estimated Time	2 minutes
Description	Simulate API failure and check UI error message.
Objective	Ensure user-friendly error messages are shown.
Preconditions	API returns error
Test Steps	Perform action triggering API error; Observe UI
Expected Result	UI displays friendly error message.
Validation Criteria	Error message in UI
Dependencies	API error simulated

Test Case 51: Error Handling: Required Configuration Missing

Test ID	TC_051
Module	Corporate Module > Configuration Management
Category	Error Handling
Priority	High
Test Type	Negative
Risk Level	Medium
Estimated Time	2 minutes
Description	Attempt to use module with missing configuration.
Objective	Test system response to missing config.
Preconditions	Configuration file missing
Test Steps	Load module; Observe behavior
Expected Result	System shows error and disables affected features.
Validation Criteria	Error shown; No crash
Dependencies	Config file manipulation

Test Case 52: Backup: Backup Failure and Alert

Test ID	TC_052
Module	Corporate Module > Backup and Recovery
Category	Error Handling

Priority	High
Test Type	Negative
Risk Level	Medium
Estimated Time	3 minutes
Description	Simulate backup failure and verify alert is sent.
Objective	Ensure backup failures are detected and alerted.
Preconditions	Backup system active
Test Steps	Cause backup failure; Check for alert
Expected Result	Alert is sent to admin.
Validation Criteria	Alert received
Dependencies	Alert system enabled

Test Case 53: UI: Accessibility Compliance

Test ID	TC_053
Module	Corporate Module > UI
Category	Usability
Priority	Medium
Test Type	Positive
Risk Level	Low
Estimated Time	5 minutes
Description	Test UI with screen reader for accessibility compliance.
Objective	Ensure accessibility for all users.
Preconditions	Screen reader installed
Test Steps	Navigate UI with screen reader
Expected Result	All elements are accessible and labeled.
Validation Criteria	Screen reader reads all elements
Dependencies	Accessibility features implemented

Test Case 54: UI: Responsive Design on Mobile

Test ID	TC_054
Module	Corporate Module > UI
Category	Usability
Priority	Medium
Test Type	Positive
Risk Level	Low

Estimated Time	5 minutes
Description	Test UI rendering and usability on mobile devices.
Objective	Ensure responsive design for mobile users.
Preconditions	Mobile device available
Test Steps	Access UI on mobile; Perform actions
Expected Result	UI is usable and renders correctly.
Validation Criteria	No layout issues; All actions work
Dependencies	Responsive design implemented

Test Case 55: Audit Trail: Unauthorized Change Attempt Logging

Test ID	TC_055
Module	Corporate Module > Audit Logging
Category	Compliance
Priority	High
Test Type	Negative
Risk Level	Medium
Estimated Time	2 minutes
Description	Attempt unauthorized entitlement change and verify audit log.
Objective	Ensure all attempts are logged for compliance.
Preconditions	User with insufficient permissions
Test Steps	Attempt change; Check audit log
Expected Result	Attempt is logged with user details.
Validation Criteria	Log entry exists
Dependencies	Audit logging enabled

Test Case 56: Notification: Stakeholder Feedback Loop

Test ID	TC_056
Module	Corporate Module > Notifications
Category	Functional
Priority	Medium
Test Type	Positive
Risk Level	Low
Estimated Time	2 minutes
Description	Submit stakeholder feedback and verify tracking.
Objective	Ensure feedback loop is operational.

Preconditions	Feedback feature enabled
Test Steps	Submit feedback; Check tracking system
Expected Result	Feedback is tracked and visible to admins.
Validation Criteria	Feedback visible; Status updated
Dependencies	Feedback system enabled

Test Case 57: Entitlement Mapping: Product to Sub-Product

Test ID	TC_057
Module	Corporate Module > Entitlement Management
Category	Functional
Priority	Medium
Test Type	Positive
Risk Level	Low
Estimated Time	3 minutes
Description	Map a product entitlement to its sub-products.
Objective	Ensure mapping logic is correct.
Preconditions	Admin logged in
Test Steps	Select product; Map to sub-products; Save
Expected Result	Mapping is saved and visible.
Validation Criteria	Mapping visible in UI
Dependencies	Mapping logic implemented

Test Case 58: Entitlement Mapping: Invalid Sub-Product Assignment

Test ID	TC_058
Module	Corporate Module > Entitlement Management
Category	Functional
Priority	High
Test Type	Negative
Risk Level	Medium
Estimated Time	2 minutes
Description	Attempt to map a product to an invalid sub-product.
Objective	System blocks invalid mappings.
Preconditions	Admin logged in
Test Steps	Select product; Attempt invalid mapping; Save

Expected Result	System blocks mapping and shows error.
Validation Criteria	Error shown; No mapping saved
Dependencies	Mapping logic implemented

Test Case 59: UI: Tooltip and Help Text Display

Test ID	TC_059
Module	Corporate Module > UI
Category	Usability
Priority	Low
Test Type	Positive
Risk Level	Low
Estimated Time	1 minute
Description	Check tooltip/help text for entitlement fields.
Objective	Ensure users have guidance in UI.
Preconditions	Help text configured
Test Steps	Hover over help icon; Read tooltip
Expected Result	Tooltip/help text is displayed.
Validation Criteria	Tooltip visible
Dependencies	Help text configured

Test Case 60: UI: Error Message Localization

Test ID	TC_060
Module	Corporate Module > UI
Category	Usability
Priority	Medium
Test Type	Positive
Risk Level	Low
Estimated Time	2 minutes
Description	Trigger validation error and verify message in local language.
Objective	Ensure error messages are localized.
Preconditions	Localization enabled
Test Steps	Trigger error; Check error message language
Expected Result	Error message is in selected language.
Validation Criteria	Correct language used
Dependencies	Localization implemented

Test Case 61: API: Rate Limiting Enforcement

Test ID	TC_061
Module	Corporate Module > API
Category	Security
Priority	High
Test Type	Negative
Risk Level	Medium
Estimated Time	3 minutes
Description	Send API requests exceeding allowed rate.
Objective	Test rate limiting and throttling.
Preconditions	API server running
Test Steps	Send rapid API requests; Observe response
Expected Result	API returns 429 Too Many Requests.
Validation Criteria	429 error returned
Dependencies	Rate limiting configured

Test Case 62: API: Data Consistency After Entitlement Update

Test ID	TC_062
Module	Corporate Module > API
Category	Integration
Priority	High
Test Type	Positive
Risk Level	Medium
Estimated Time	3 minutes
Description	Update entitlement via API and verify data consistency across modules.
Objective	Ensure data is consistent after API update.
Preconditions	API user authenticated
Test Steps	Update entitlement via API; Check UI and DB
Expected Result	Updated data is reflected everywhere.
Validation Criteria	UI and DB match API
Dependencies	API and UI integration

Test Case 63: UI: Tab Order and Keyboard Navigation

Test ID	TC_063
Module	Corporate Module > UI
Category	Usability
Priority	Medium
Test Type	Positive
Risk Level	Low
Estimated Time	2 minutes
Description	Test tab order and keyboard navigation for all fields.
Objective	Ensure keyboard accessibility.
Preconditions	UI loaded
Test Steps	Navigate using Tab key; Check focus order
Expected Result	Focus moves logically through all fields.
Validation Criteria	All fields accessible
Dependencies	Tab order configured

Test Case 64: UI: Session Expiry Warning

Test ID	TC_064
Module	Corporate Module > UI
Category	Usability
Priority	Medium
Test Type	Positive
Risk Level	Low
Estimated Time	N/A (simulated)
Description	Wait for session to near expiry and check for warning popup.
Objective	Warn users before session timeout.
Preconditions	Session timeout configured
Test Steps	Wait until near expiry; Observe warning
Expected Result	Warning popup appears before logout.
Validation Criteria	Warning shown before logout
Dependencies	Warning logic implemented

Test Case 65: Recovery: Manual Data Correction After Failure

Test ID	TC_065
Module	Corporate Module > Backup and Recovery
Category	Error Handling

Priority	High
Test Type	Positive
Risk Level	Medium
Estimated Time	10 minutes
Description	Simulate data corruption and perform manual correction.
Objective	Test manual recovery procedures.
Preconditions	Data corruption simulated
Test Steps	Identify corrupted data; Manually correct via admin tools
Expected Result	Data is corrected and system is stable.
Validation Criteria	Data matches expected; No errors
Dependencies	Admin correction tools