Authentication Tests

* User Registration
* Register with valid data
* Register with invalid email format
* Register with weak password
* Register with duplicate email
* Register with missing required fields

User Login

* Login with valid credentials
* Login with invalid email
* Login with incorrect password
* Login with unverified email
* Login with inactive account

Password Management

* Request password reset
* Reset password with valid token
* Reset password with expired token
* Reset password with invalid token

Two-Factor Authentication

* Enable 2FA
* Login with 2FA
* Disable 2FA
* Handle invalid 2FA codes

User Profile Tests

* Profile Information
* Get user profile
* Update basic profile info
* Update profile picture
* Update company information
* Update phone number

Profile Verification

* Verify email address
* Verify phone number
* Handle invalid verification codes

Profile Security

* Change password
* Update security questions
* View login history
* Manage active sessions

User Settings Tests

* Theme Settings
* Update theme mode (light/dark/system)
* Update theme colors
* Verify theme persistence
* Language & Timezone
* Update language preference
* Update timezone
* Verify date/time formatting
* Notification Preferences
* Update email notifications
* Update push notifications
* Update notification frequency
* Test notification delivery
* Dashboard Preferences
* Update dashboard layout
* Customize widgets
* Save dashboard configuration

Security Settings

* Update privacy settings
* Manage API keys
* Configure session timeout

Project Management Tests

* Project Creation
* Create new project
* Create project with invalid data
* Create project with duplicate name

Project Operations

* Get project details
* Update project information
* Delete project
* Archive project

Project Access Control

* Share project with users
* Manage project permissions
* Handle project invitations

Project Features

* Add project tags
* Manage project files
* Track project activity

File Management Tests

* File Operations
* Upload files
* Download files
* Delete files
* Move files between projects
* File Types

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* Test different file formats
* Handle large files (200 mb)
* Validate file size limits
* File Sharing
* Share files with users
* Generate share links
* Manage file permissions

Subscription & Billing Tests

* Subscription Plans
* View available plans
* Upgrade subscription
* Downgrade subscription
* Cancel subscription

Payment Processing

* Add payment method
* Process payment
* Handle failed payments
* Generate invoices

Subscription Features

* Test plan limits
* Verify feature access
* Handle plan changes

API Integration Tests

* API Authentication
* Test API key generation
* Validate API requests
* Handle rate limiting

API Endpoints

* Test all REST endpoints
* Verify response formats
* Check error handling

Webhook Integration

* Test webhook delivery
* Handle webhook failures
* Verify webhook payloads

***Performance Tests***

* ***Load Testing***
* ***Test concurrent users***
* ***Measure response times***
* ***Check resource usage***
* ***Database Performance***
* ***Test query optimization***
* ***Monitor connection pool***
* ***Check indexing effectiveness***

Caching

* Test cache hits/misses
* Verify cache invalidation
* Monitor memory usage

Security Tests

* Authentication Security
* Test password policies
* Verify session management
* Check brute force protection

Data Security

* Test data encryption
* Verify secure storage
* Check data access controls

API Security

* Test CORS policies
* Verify request validation
* Check rate limiting

Error Handling Tests

* Input Validation
* Test invalid inputs
* Verify error messages
* Check validation rules

System Errors

* Test database errors
* Handle network failures
* Verify error logging

User Feedback

* Test error notifications
* Verify recovery flows
* Check user guidance

Would you like to start testing any specific category from this list? We can begin with the most critical components first, such as authentication and user management, and then move on to other features systematically.  
  
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Here's the updated list of remaining tests to be performed:

1. Privacy Settings Tests:

* Update profile visibility to public
* Update profile visibility to private
* Update profile visibility to friends
* Update email visibility
* Update phone number visibility
* Update last active status visibility
* Update friend request settings
* Update message settings
* Test invalid visibility value
* Test updating multiple privacy settings at once

1. API Key Management Tests:

* Create new API key with specified permissions
* Create API key with invalid permissions
* Create API key with duplicate name
* Revoke API key
* Revoke non-existent API key
* Update API key permissions
* Update permissions for non-existent key
* Update permissions with invalid values
* List all API keys
* Filter active/inactive API keys

1. Session Management Tests:

* Update session timeout duration
* Set invalid timeout duration
* Update max concurrent sessions
* Set invalid max sessions value
* Track last session activity
* Enforce session timeout
* Enforce max concurrent sessions
* Revoke specific session
* Revoke all sessions except current
* Revoke non-existent session

1. Two-Factor Authentication Tests:

* Enable two-factor authentication
* Disable two-factor authentication
* Change 2FA method
* Test invalid 2FA method
* Test 2FA verification process
* Test 2FA backup codes
* Test 2FA recovery process
* Test notification when 2FA is enabled

1. Security Questions Tests:

* Set security questions and answers
* Update security questions
* Test invalid question format
* Verify security questions
* Test incorrect answers
* Test minimum number of questions
* Test maximum number of questions
* Test duplicate questions

1. Login History Tests:

* Record successful login attempt
* Record failed login attempt
* Retrieve login history
* Test login history pagination
* Test login history filtering
* Test login history date range
* Test login history limit

1. Active Sessions Tests:

* Create new active session
* Update session activity
* Test session expiration
* List active sessions
* Filter expired sessions
* Test session device information
* Test session location tracking

1. Integration Tests:

* Handle multiple security settings updates
* Test security settings with API key creation
* Test security settings with session management
* Test security settings with 2FA
* Test security settings with privacy settings

Group changes

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Reject all ^⌫

Accept all ^⏎

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Program Execution and Error Ch...