

Acceptance Test Plan for OTP-1

User Journey Tests

This acceptance test plan covers essential parts of the user journey and validates that the core social media functionality works as intended for end users:

"A new user can register, log in, create a post, and follow another user"

Test 1: User Registration

Objective: Verify new user can successfully register

Steps:

1. Launch the application
2. Click "Register" button on login screen
3. Fill registration form:
 - First Name: "Pertti"
 - Last Name: "Perttilä"
 - Email: "pertti-perttila@test.com"
 - Username: "pert"
 - Birthdate: "1995-05-15"
 - Password: "Ilmapallo123!"
4. Click "Register" button
5. Verify user is redirected to login screen

Expected Result:

- Registration successful message appears
 - User can proceed to login
 - No error messages displayed
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Test 2: User Login

Objective: Verify registered user can log in successfully

Steps:

1. Enter username: "johndoe"
2. Enter password: "SecurePass123!"
3. Click "Login" button
4. Verify language can be changed (test English, Finnish, Japanese, Persian)
5. Select preferred language

Expected Result:

- User is redirected to main feed
 - User's name appears in navigation
 - Selected language is applied throughout the app
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Test 3: Create First Post

Objective: Verify user can create and view their own post

Steps:

1. Click "Create Post" button
2. Enter post content: "Hello everyone! This is my first post on this platform. #newuser"
3. Click "Post" button
4. Verify post appears in feed
5. Verify post shows author's name

Expected Result:

- Post appears immediately in feed
 - Post content is displayed correctly
 - Author information is accurate
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Test 4: User Profile Management

Objective: Verify user can view and edit their profile

Steps:

1. Click on profile icon/username in navigation
2. Verify profile displays correct information:
 - o Full name: "Pertti Perttilä"
 - o Username: "@pert"
 - o Email: "pertti.perttila@test.com"
 - o Birthdate: "1995-05-15"
3. Click "Edit Profile" button
4. Change first name to "Pera"
5. Upload a profile picture (test image file)
6. Save changes
7. Verify changes are reflected immediately

Expected Result:

- All profile information displays correctly
 - Changes are saved and persist
 - Profile picture uploads and displays
 - UI updates with new name
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Test 5: User Search and Following

Objective: Verify user can find and follow other users

Precondition: Create a second user "jaana"

Steps:

1. In search bar, type "jaan"
2. Verify " jaana " appears in search results
3. Click on " jaana " in search results
4. Verify redirected to Jaana 's profile
5. Click "Add Friend" button
6. Verify button changes to "Remove Friend"
7. Return to feed
8. Verify Jaana 's posts appear in feed

Expected Result:

- Search returns relevant results
 - User profiles display correctly
 - Follow/unfollow functionality works
 - Feed updates to show followed user's posts
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Test 6: Post Interaction

Objective: Verify users can interact with posts

Steps:

1. Find a post in feed (Jaana's post)
2. Click "Like" button
3. Verify like count increases
4. Click "Comment" button
5. Add comment: "Great post!  "
6. Verify comment appears

Expected Result:

- Like functionality works (toggle on/off)
- Comments are displayed immediately
- Interaction counts update correctly

Test 7: Logout and Session Management

Objective: Verify secure logout functionality

Steps:

1. Click logout button
2. Verify redirected to login screen
3. Try to navigate back to feed (should not be possible)
4. Close and reopen application
5. Verify login is required

Expected Result:

- User is properly logged out
 - Session is terminated
 - Application requires re-authentication
 - No cached data is accessible
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Acceptance Criteria Summary

Must Pass Criteria:

- All user registration/login flows work without errors
- Posts can be created and displayed
- User search functionality works
- Following/unfollowing users works correctly
- Profile management functions properly
- Multi-language support functions
- Logout properly terminates session

Performance Criteria:

- Login process and feed loading completes within 3 seconds
- Post creation appears in feed within 2 seconds
- New post appears on feed within 2 seconds
- User search returns results within 1 second
- Profile loading completes within 2 seconds

Execution Notes

- **Estimated Execution Time:** 15-20 minutes
- **Setup:** Clean database, test images available
- **Tools Needed:** Stopwatch for performance checks
- **Success Criteria:** 100% of core functionality must pass for acceptance