

Manual UI Testing Plan

Application: Time Management Login Portal

Browser: Chrome/Firefox/Safari

Test Date: _____

Tester: _____

Test Environment Setup

Before Starting:

1. ✓ Backend server running on `http://localhost:3001`
2. ✓ Frontend server running on `http://localhost:3000`
3. ✓ Database running (Docker container started)
4. ✓ Browser console open (F12)

TEST 1: Login Page Display

Objective: Verify login page renders correctly

Steps:

1. Open browser
2. Navigate to `http://localhost:3000`
3. Should redirect to `/login`

Expected Results:

- ☐ Login form is visible and centered
- ☐ "Login" header is displayed
- ☐ Blue underline under "Login" header
- ☐ Username input field visible with user icon
- ☐ Password input field visible with lock icon
- ☐ "Login" button is visible and styled (blue)
- ☐ No error messages visible initially

Visual Check:

- ☐ Page layout is centered on screen
- ☐ All elements properly aligned
- ☐ Icons display correctly
- ☐ Colors match design (blue and black)
- ☐ Text is readable (not too small/large)

TEST 2: Successful Login Flow

Objective: Verify user can login with valid credentials

Steps:

1. Enter username: `valid username`
2. Enter password: `valid password`
3. Click "Login" button

Expected Results:

- ☐ Success message appears (green background)
- ☐ Message reads: "Login erfolgreich!"
- ☐ After 1 second, redirect to `/myView` page
- ☐ No error messages appear
- ☐ Password field is cleared (for security)

MyView Page Check:

- ☐ "Willkommen im internen Bereich!" header displays
- ☐ "Du bist erfolgreich eingeloggt." text shows
- ☐ Server data box displays content
- ☐ Message contains "Standard-Übersicht für Mitarbeiter"
- ☐ Red "Logout" button visible
- ☐ Blue "Passwort Änder" button visible

TEST 3: Failed Login - Wrong Password

Objective: Verify error handling for incorrect password

Steps:

1. Refresh page (or click logout if logged in)
2. Enter username: `dummyuser`
3. Enter password: `wrongpassword`
4. Click "Login" button

Expected Results:

- ☐ Error message appears (red background)
- ☐ Message reads: "Login fehlgeschlagen: invalid login"
- ☐ Password field is cleared
- ☐ User remains on login page (no redirect)
- ☐ Username field retains value

TEST 4: Password changing

Objective: Verify that a password can be changed

Steps:

1. Login
2. Click on Blue “Passwort Ändern Button”
3. Get redirected to a new page
4. Enter current password along with new ones
5. Click Blue button to confirm

Expected Results:

- ☐ Error message appears (red background)

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Status: ☐ Pass / ☐ Fail

Notes: _____

TEST 5: Form Validation - Empty Fields

Objective: Verify HTML5 form validation

Test 5a: Empty Username

1. Leave username field empty
2. Enter password: test123
3. Click "Login" button

Expected:

- ☐ Browser shows "Please fill out this field" for username
- ☐ No API call made (check Network tab)

Test 5b: Empty Password

1. Enter username: dummyuser
2. Leave password field empty
3. Click "Login" button

Expected:

- ☐ Browser shows "Please fill out this field" for password

TEST 6: Different User Roles

Objective: Verify role-based content display

Test 6a: Employee Role

Steps:

1. Login as: dummyuser / 1234567890
2. Check myView page content

Expected:

- ☐ Message: "Standard-Übersicht für Mitarbeiter"
- ☐ teamData shows: ["I am just a guy"]

Test 6b: HR Role

Steps:

1. Logout
2. Login as: dummyhr / 1234567890
3. Check myView page content

Expected:

- ☐ Message: "Allgemeine Übersicht für HR"
- ☐ teamData shows multiple names

Test 6c: Supervisor Role

Steps:

1. Logout
2. Login as: dummysv / 1234567890
3. Check myView page content

Expected:

- ☐ Message: "Team-Übersicht für Supervisor"
- ☐ teamData shows team members

Status: ☐ Pass / ☐ Fail

Notes: _____

TEST 7: Logout Functionality

Objective: Verify user can logout properly

Steps:

1. Ensure you're logged in (any user)
2. On MyView page, click red "Logout" button

Expected Results:

- ☐ Redirected to /login page
- ☐ Token removed from localStorage (check DevTools → Application → Local Storage)
- ☐ If you try to access /myView directly, redirected to login
- ☐ No error messages appear

Status: ☐ Pass / ☐ Fail

Notes: _____

Expected Results:

- ☐ User remains logged in
- ☐ MyView page reloads successfully
- ☐ Token still in localStorage
- ☐ No redirect to login page

Status: ☐ Pass / ☐ Fail

Notes: _____

TEST 12: Token Expiration (Long Test)

Objective: Verify expired tokens are handled

Steps:

1. Login as any user
2. Wait 8+ hours (or modify token expiry in code to 1 minute for testing)
3. Try to access MyView page

Expected Results:

- ☐ Redirected to login page
- ☐ Token removed from localStorage
- ☐ No errors shown to user

Note: This is optional for basic testing

Status: ☐ Pass / ☐ Fail / ☐ Skipped

Notes: _____



CROSS-BROWSER TESTING

Test the same scenarios on different browsers:

Chrome

- ☐ All tests pass
- ☐ UI displays correctly
- ☐ No console errors

Firefox

- ☐ All tests pass
- ☐ UI displays correctly
- ☐ No console errors

Safari (if available)

- ☐ All tests pass
- ☐ UI displays correctly
- ☐ No console errors

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- ☐ Button large enough to tap
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ACCESSIBILITY TESTING

Keyboard Navigation:

- ☐ Can tab through all form fields
- ☐ Can submit form with Enter key
- ☐ Focus indicators visible