# Optimize Manual Testing Documentation

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## Manual Tests Cases - User Authentication

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| **Test Number** | **Test Description** | **Expected Result** | **Actual Result** |
| Py-001 | Registration successful; user added to database |  |  |
| Py-002 | Register with a username that already exists | Registration fails; error shown and user not added again |  |
| Py-003 | Register with empty fields | Registration fails; user sees validation error |  |
| Py-004 | Register with a password that’s too short | Registration fails; user sees password validation message |  |
| Py-005 | Log in with correct username and password | Login successful; user redirected to homepage/dashboard |  |
| Py-006 | Log in with correct username but incorrect password | Login fails; user sees error message |  |
| Py-007 | Log in with non-existent username | Login fails; user sees “user not found” message |  |
| Py-008 | Attempt login with empty fields | Login fails; user sees validation errors |  |
| Py-009 | Log in and remain authenticated across session | User stays logged in when navigating through pages |  |
| Py-010 | Log out from account | User is logged out and redirected to login or home page |  |

## Manual Tests Cases- Navigation Bar

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|  | **Test Description** | **Expected Result** | **Actual Result** |
| Py-002 | Verify that the Login link appears when the user is **not logged in** | The navigation bar displays a Login link and hides Progress, Workouts, and Logout links |  |
| Py-003 | Verify that clicking the Login link redirects to the login page | The browser navigates to the login page (/accounts/login/) |  |
| Py-004 | Verify that the Progress, Workouts, and Logout links appear when the user is **logged in** | The navigation bar displays links to Progress, Workouts, and Logout, and hides the Login link |  |
| Py-005 | Verify that clicking the Progress link while logged in navigates to the progress page | The progress page (/progress/) loads successfully |  |
| Py-006 | Verify that clicking the Workouts link while logged in navigates to the workouts page | The workouts page (/workouts/) loads successfully |  |
| Py-007 | Verify that clicking the Logout link logs the user out | User is logged out and redirected to the homepage or login page, and only the Login link is visible |  |
| Py-008 | Verify that navigation bar is consistent across multiple pages | The navigation bar appears with the same layout and links on all pages |  |
| Py-009 | Verify that the navigation bar adapts correctly on mobile view (if responsive) | Navigation bar collapses or adjusts layout, and links are accessible via mobile menu |  |

### Manual Tests Cases – Progress Page

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| **Test Description** | **Expected Result** | **Actual Result** |
| Verify that the progress page loads for a logged-in user | Page loads successfully and displays dummy progress data (charts, stats, etc.) |  |
| Verify redirection when accessing progress page while logged out | User is redirected to the login page |  |
| Verify that the “Workouts This Week” bar chart is visible | Bar chart appears showing static workout data across Monday to Sunday |  |
| Verify that the "Total Workouts" stat is displayed | A visible number is shown (e.g., “Total Workouts: 12”) — static value for now |  |
| Verify that the "Longest Streak" stat is displayed | Static number is displayed (e.g., “Longest Streak: 4 days”) |  |
| Verify that the "Most Active Day" is displayed | A day of the week is shown (e.g., “Most Active Day: Wednesday”) — static value |  |
| Verify that the calendar icon appears in the top-right corner | Calendar icon is visible and clickable |  |
| Verify that clicking the calendar icon opens workout history view | A modal or new view opens with dummy workout history log (dates + details) |  |
| Verify that visual elements are responsive (desktop/mobile) | All graphs, text, and icons adjust properly across screen sizes |  |
| Verify navigation works from progress page | Navbar is present and links like Workouts, Logout, etc. function normally |  |

### Manual Test Cases – Workouts Page

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| **Test Description** | **Expected Result** | **Actual Result** |
| Verify that the Workouts page loads for a logged-in user | The page loads successfully and displays a list of user-created workouts (or a message like “No workouts yet” if none exist) |  |
| Verify redirection when accessing the Workouts page while logged out | User is redirected to the login page |  |
| Verify that the list of workouts is displayed | All workouts created by the user are visible on the page in a readable format |  |
| Verify that the plus (+) button is visible | A floating or clearly visible + button appears on the screen for adding a workout |  |
| Verify that clicking the plus (+) button redirects to the workout creation page | User is taken to a form/page where they can enter a new workout |  |
| Verify that the three dots (⋯) menu appears on each workout card | Each workout entry has a menu or button with ⋯ to open additional actions |  |
| Verify that clicking the ⋯ button shows the expected options | Options shown are: Start Workout, Edit, and Delete |  |
| Verify that clicking Start Workout begins the workout session | User is redirected to the workout execution page or shown the active workout interface |  |
| Verify that clicking Edit redirects to the edit form for the selected workout | User is taken to a form pre-filled with the workout’s current data |  |
| Verify that clicking Delete removes the workout | The workout is removed from the list (with or without confirmation depending on your UX design) |  |
| Verify that deleted workouts no longer appear on page refresh | Refreshing the page does not bring back deleted workouts |  |
| Verify responsive layout and interaction on mobile view | Workouts page and buttons are functional and properly laid out on smaller screens |  |
| Verify navigation bar works correctly on Workouts page | Nav bar links (e.g., Progress, Logout) are present and functional |  |

### Manual Test Cases – New Workout

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| --- | --- | --- |
| **Test Description** | **Expected Result** | **Actual Result** |
| User clicks "+" button on the Workouts page | User is navigated to the workout naming page |  |
| User enters a title (e.g., “Push Day”) and submits | User is redirected to the exercise selection page with a list of checkboxes |  |
| Exercises are displayed in a scrollable list | The user can scroll through the list and check multiple exercises |  |
| User selects multiple exercises | The “Add Exercises” button updates dynamically to reflect the number selected (e.g., “Add 3 Exercises”) |  |
| User clicks “Add Exercises” | User is taken to the review page displaying the selected exercises |  |
| Review page displays all selected exercises with set/rep input fields | Each exercise displays editable fields to input sets and reps |  |
| User inputs valid sets and reps (e.g., 3 sets of 12 reps) | Inputs are accepted and retained |  |
| User clicks trash icon next to an exercise | Exercise is removed from the workout list |  |
| User clicks “Add Exercises” again on review page | User is returned to the exercise list with checkboxes (already-selected exercises can be re-added or updated) |  |
| User tries to proceed without entering a workout title | User is shown an error or prevented from moving forward (validation message appears) |  |
| User tries to proceed without selecting any exercises | User is shown an error or the "Add Exercises" button remains inactive |  |
| After editing workout and saving, return to workouts page | New workout appears in the workouts list with title and assigned exercises |  |

### Manual Test Cases – Edit Workout

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| --- | --- | --- |
| **Test Description** | **Expected Result** | **Actual Result** |
| User clicks "+" button on the Workouts page | User is navigated to the workout naming page |  |
| User enters a title (e.g., “Push Day”) and submits | User is redirected to the exercise selection page with a list of checkboxes |  |
| Exercises are displayed in a scrollable list | The user can scroll through the list and check multiple exercises |  |
| User selects multiple exercises | The “Add Exercises” button updates dynamically to reflect the number selected (e.g., “Add 3 Exercises”) |  |
| User clicks “Add Exercises” | User is taken to the review page displaying the selected exercises |  |
| Review page displays all selected exercises with set/rep input fields | Each exercise displays editable fields to input sets and reps |  |
| User inputs valid sets and reps (e.g., 3 sets of 12 reps) | Inputs are accepted and retained |  |
| User clicks trash icon next to an exercise | Exercise is removed from the workout list |  |
| User clicks “Add Exercises” again on review page | User is returned to the exercise list with checkboxes (already-selected exercises can be re-added or updated) |  |
| User tries to proceed without entering a workout title | User is shown an error or prevented from moving forward (validation message appears) |  |
| User tries to proceed without selecting any exercises | User is shown an error or the "Add Exercises" button remains inactive |  |
| After editing workout and saving, return to workouts page | New workout appears in the workouts list with title and assigned exercises |  |

### Manual Test cases – Footer

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| --- | --- | --- |
| **Test Description** | **Expected Result** | **Actual Result** |
| Check that footer displays the business name "Optimize" | The footer should contain the text "Optimize" |  |
| Verify that the current year is displayed dynamically | The footer should automatically display the current year (e.g., "© Optimize 2025") |  |
| Test if footer is present and visible on all pages | Footer should be visible at the bottom of all main pages (e.g., Home, Workouts, Progress) |  |
| Verify that social media icons/links are displayed | Footer should include placeholder icons/links for social media (e.g., Facebook, Instagram, X, LinkedIn) |  |
| Check that social media links currently do not navigate anywhere | Clicking any social media icon/link should have no effect (links are inactive/placeholders) |  |
| Test responsiveness of footer on mobile devices | Footer content should adjust correctly to smaller screen sizes without overlapping or breaking layout |  |