Manual Test Cases – MyFitnessPal App

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| ID | Title | Module | Preconditions | Test Steps | Test Data | Expected Result | Actual Result | Status | Severity | Tester / Date |
| TC001 | Login with valid credentials | Login / Authentication | User has a valid account | 1. Launch the app 2. Enter valid email and password 3. Tap 'Login' | Email: test@example.com Password: 123456 | User is redirected to the home screen | As expected, | Pass | Medium | Ghazaleh Alizadehbirjandi 2025-05-02 |
| TC002 | Login with invalid password | Login / Authentication | User has a valid email | 1. Launch the app 2. Enter valid email and incorrect password 3. Tap 'Login' | Email: test@example.com Password: wrongpass | App shows 'Invalid credentials' error | As expected, | Pass | Low | Ghazaleh Alizadehbirjandi 2025-05-02 |
| TC003 | Add food item to diary | Food Logging | User is logged in and on Diary screen | 1. Tap 'Add Food' under Breakfast 2. Search 'banana' 3. Tap 'Add' | Search term: banana | Food item appears in diary with calories | As expected, | Pass | Medium | Ghazaleh Alizadehbirjandi 2025-05-02 |
| TC004 | Set a daily calorie goal | Goal Setting | User is logged in | 1. Tap 'More' > 'Goals' 2. Tap 'Calorie Goal' 3. Enter new value 4. Tap 'Save' | New Goal: 1800 | Goal saved and reflected on dashboard | As expected, | Pass | Low | Ghazaleh Alizadehbirjandi 2025-05-02 |
| TC005 | Delete a food item from diary | Food Logging | User is logged in with logged food items | 1. Go to 'Diary' 2. Swipe left the item 3.Tap 'Delete' | Item: Banana | Item is removed from diary list | As expected, | Pass | Low | Ghazaleh Alizadehbirjandi 2025-05-02 |