

User Acceptance Testing (UAT) Template

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| Date | 6 March 2025 |
| Team ID | SWTID1741109897 |
| Project Name | FitFlex |
| Maximum Marks | |
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Project Overview

Project Name: FitFlex
Project Description: A React-based music streaming application that allows users to search, play, and manage music using a third-party API. Features include user authentication, search, playback, playlists, and profile management.
Project Version: v1.0
Testing Period: March 1, 2025 - March 8, 2025

Testing Scope

Features and Functionalities to be Tested

- ✓ Home Page & Navigation
- ✓ Exercise Search & Discovery
- ✓ API Integration for Exercise Data
- ✓ Filtering Exercises by Body Part & Equipment
- ✓ Viewing Exercise Details
- ✓ UI/UX Testing (Responsiveness, Icons, Styling)
- ✓ Error Handling & Performance Testing

User Stories or Requirements to be Tested

- 🔗 Searching & Viewing Exercises
- 🔗 Filtering Exercises by Body Part & Equipment
- 🔗 Displaying Exercise Details with Instructions

- 📌 Responsive UI across Mobile, Tablet, and Desktop
- 📌 Handling API Errors Gracefully

Test Cases

| Test Case ID | Test Scenario | Test Steps | Expected Result | Actual Result | Pass/Fail |
|--------------|------------------------|--|--|-----------------|-------------|
| TC-001 | Load Homepage | 1. Open the application 2. Homepage loads | Homepage should display the Navbar, About, Hero, Search components | [Actual Result] | [Pass/Fail] |
| TC-002 | Search for an Exercise | 1. Browse and choose from the options in the search bar 2. Click search | Matching exercises should be displayed | [Actual Result] | [Pass/Fail] |
| TC-003 | Filter by Body Part | 1. Select a body part from the filter 2. View filtered exercises | Exercises should be displayed for the selected body part | [Actual Result] | [Pass/Fail] |
| TC-004 | Filter by Equipment | 1. Select an equipment type 2. View filtered exercises | Exercises should be displayed based on selected equipment | [Actual Result] | [Pass/Fail] |
| TC-005 | View Exercise Details | 1. Click on an exercise 2. View details (GIF, instructions, muscles targeted) | Playlist should be created successfully | [Actual Result] | [Pass/Fail] |
| TC-006 | Mobile Responsiveness | 1. Open the app on a mobile device 2. Navigate through pages | UI should be responsive and properly displayed | [Actual Result] | [Pass/Fail] |

Bug Tracking

| Bug ID | Bug Description | Steps to Reproduce | Severity | Status | Additional Feedback |
|--------|---|--|----------|-------------|--------------------------------------|
| BG-001 | Search results take too long to load | 1. Search for exercises 2. Observe slow loading | High | Open | Need API response optimization |
| BG-002 | Filtering feature not working correctly | 1. Observe incorrect results | Medium | In Progress | Filtering logic needs debugging |
| BG-003 | UI overlaps on small screen devices | 1. Open app on small devices (iPhone SE) 2. Observe UI distortion | Low | Open | Adjust CSS for better responsiveness |

Sign-off

Tester Name: [Enter Name]
Date: [Enter Date of Completion]
Signature: [Enter Signature]

Notes

- Ensure testing covers both positive & negative cases
- Bug tracking should include severity levels & reproduction steps
- Final sign-off required before deployment