**FitFlex: Your Personal Fitness Companion**

**Ideation Phase**

**Brainstorm & Idea Prioritization**

|  |  |
| --- | --- |
| Date | 10 March 2025 |
| Team ID |  |
| Project Name | FitFlex |
| Maximum Marks |  |

**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**