**Test Case List (Summary)**

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| **Test Case ID** | **Description** | **Expected Result** |
| TC01 | Valid login | User successfully logs in |
| TC02 | Invalid login | Login fails with error message |
| TC03 | Add new workout, diet list, sleep analysis | Data added and stored correctly |
| TC04 | Empty fields validation | Validation errors shown |
| TC06 | Fetch correct data | Correct data fetched from DB |
| TC07 | Data format check | Data is in correct format |
| TC08 | Correct fitness tips shown | Appropriate tips displayed |
| TC09 | Goal matching logic | Suggestions match user goals |
| TC10 | Handles unexpected AI queries gracefully | System handles gracefully with fallback message |