**User Acceptance Testing (UAT) Template**

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| Date | 15 April 2025 |
| Team ID | SWTID1743947156 |
| Project Name | FullStack-Expense-Tracker |
| Maximum Marks |  |

**Project Overview**

* **Project Name: Personal Expense Tracker**
* **Project Description:  
  A full-stack web application to help users manage, categorize, and visualize their personal expenses. The app includes authentication, budget tracking, report generation, and alerts for overspending.**
* **Project Version: v1.0**
* **Testing Period: April 10, 2025 – April 15, 2025**

**Testing Scope**

**Features/Functionalities to be Tested:**

* **User Registration & Login (JWT)**
* **Add, Update, Delete Income/Expenses**
* **Categorization of Expenses**
* **Budget Limit Notifications**
* **Monthly/Weekly Report Generation**
* **Dashboard Overview with Charts**
* **Secure Data Storage with MongoDB**
* **Responsive UI in React**

**User Stories to be Tested:**

* **As a user, I want to track my expenses efficiently.**
* **As a user, I want to be notified when I exceed a budget.**
* **As a user, I want to visualize reports of my spending patterns.**

**Test Cases**

| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| --- | --- | --- | --- | --- | --- |
| **TC-001** | **User Registration** | **Go to signup → Fill form → Submit** | **Account created and redirected to login** | **As expected** | **Pass** |
| **TC-002** | **User Login** | **Go to login → Enter credentials → Submit** | **Redirected to dashboard** | **As expected** | **Pass** |
| **TC-003** | **Add New Expense** | **Click "Add Expense" → Fill form → Save** | **Expense saved and shown in list** | **As expected** | **Pass** |
| **TC-004** | **Add New Income** | **Click "Add Income" → Fill form → Save** | **Income saved and reflected in balance** | **As expected** | **Pass** |
| **TC-005** | **Exceed Budget Alert** | **Add multiple expenses to exceed set limit** | **Alert/Notification shown** | **As expected** | **Pass** |
| **TC-006** | **Delete Income Entry** | **Click delete icon → Confirm deletion** | **Entry removed from list** | **As expected** | **Pass** |
| **TC-007** | **Data Security (JWT & MongoDB)** | **Intercept request or modify JWT token** | **Unauthorized access blocked** | **As expected** | **Pass** |
| **TC-008** | **Mobile Responsiveness** | **Open app on mobile browser** | **Layout adjusts properly** | **Minor layout bug** | **Fail** |

**Bug Tracking**

| **Bug ID** | **Bug Description** | **Steps to Reproduce** | **Severity** | **Status** | **Additional Feedback** |
| --- | --- | --- | --- | --- | --- |
| **BG-001** | **Layout breaks on small screen (mobile)** | **Open app in iPhone SE screen or browser DevTools** | **Medium** | **Open** | **Sidebar overlaps with content** |
| **BG-002** | **Alert sound missing on budget exceed** | **Add expense beyond budget – no audio notification** | **Low** | **Open** | **Consider adding sound alert** |

**Sign-off**

* **Tester Name: Harsh Anand Dhumal**
* **Date: April 15, 2025**
* **Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**