# SP26 – Red Budget App

CS 4850 – Section 03 – Fall 2024

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## *Project Team*

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|------|------|------------------------|
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| Requirement | Pass | Fail | Severity | Comments |
|---|---|---|---|---|
| **Login/Launch Page** | | | | |
| "Login" button redirects to home page on correct password input | X | | Major | |
| "Register" button redirects to create account page | X | | Major | Button labeled create account instead of register |
| User can log in with secure password | X | | Major | More of a non-functional requirement for security, more security measures could be implemented later |
| **Register - Create Account Page** | | | | |
| User provides an email address as username | X | | Medium | |
| User creates a secure password | X | | Minor | *Not listed are requirements to create a new user profile that can be logged in with |
| **Home Page** | | | | |
| App displays financial overview (total balance, recent transactions, budget) | X | | Major | Total account balance not currently listed |
| Navigation options to transactions, goals, and settings | X | | Major | Navigation options are labeled differently |
| Quick actions to add transaction or update goals | | X | Medium | Buttons to add new transactions are currently not functional |
| **Expense and Income Tracking** | | | | |
| Log new expense/income with amount and date | | X | Medium | New transactions can currently only be added via editing the JSON file |
| Categorize expenses/income (predefined or custom) | | X | Medium | No custom category support |
| View summary of expenses/income by category, date, or amount | X | | Major | Changing the sorting is currently not functional but transactions are broken down by category |

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|---|---|---|---|---|
| **Budgeting Tools** | | | | |
| Set monthly budgets for categories | X | | Major | |
| App notifies user when approaching/exceeding budget | | X | Minor | |
| Adjust spending, budget intervals, and delete budgets | | X | Medium | Budget information can only be edited in a JSON file |
| **Financial Visualization** | | | | |
| Display spending/income patterns in charts | X | | Major | |
| Dropdown to customize graph date range | | X | Medium | Transactions list dropdown is not functional |
| **Notifications** | | | | |
| Transaction alerts for significant spending/income | | X | Minor | |
| Weekly reminders for goal updates by default | | X | Minor | |
| Customizable notification settings | | X | Minor | Notification settings button is not functional |
| **Plaid API Page** | | | | |
| Display Plaid API key or prompt to connect bank | | X | Major | |
| Dropdown to select banking organization | | X | Minor | Might not be necessary, Plaid should handle this |
| Link to Plaid to connect bank | | X | Major | |
| Sync button for updated transaction info | | X | Medium | Sync button currently links to API setting screen |
| **Settings Page** | | | | |
| Update personal information (name, email, phone) | | X | Minor | |
| Change password with email verification | | X | Minor | |
| Manage notification preferences | | X | Minor | |
| Logout returns to login screen | X | | Major | |