

BudgetFriend

Short Description

BudgetFriend is a personal finance tracker designed to help users manage their income, expenses, and savings with ease. With BudgetFriend, users can categorize expenses and see their savings, all in one place . The app allows users to log daily expenses, view monthly summaries, and gain insights into their spending habits in order to better the way they budget.

Domain Details

- **User Profile**
 - Username
 - Email
 - Password
- **Expense**
 - Date
 - Amount
 - Currency
 - Category
 - Description
- **Income**
 - Date
 - Amount
 - Currency
 - Source

CRUD Operations

- **Create**
 - User Profile -> when a user signs up, choosing a username, email and password, a profile is created
 - Expense-> users can log a new expense, each expense having the five fields mentioned above
 - Income-> users can add new income, having the fields above
- **Read**
 - User Profile -> users can see their information any time
 - Expense-> users can see a list of all their expenses
 - Income-> users can see a list of all incomes
- **Update**
 - User Profile -> users can update their information
 - Expense-> users can update the details of any expense
 - Income-> users can update the details of each income
- **Delete**

- Expense-> users can delete any expense
- Income -> users can delete any income

Persistence Details

- Local -> all operations regarding expenses and incomes will be stored locally, as well as on the server
- Server -> user information will be stored on the server, as well as their expenses and incomes

Offline Mode

- Functionalities are the same as online mode, regarding expenses and incomes
 - All changes made offline will be stored in the local db and when the service is back up the changed will be synced with the server.

App Temporary Mockup

The image shows two side-by-side mobile app mockups. The left mockup is the 'Add New Expense' screen, and the right is the 'Expenses' list screen. Both have a bottom navigation bar with 'Expenses' and 'Incomes' icons.

Add New Expense Screen:

- Header: Back arrow, 'Add New Expense', Settings gear.
- Tabs: 'Expense' (selected), 'Income'.
- Form fields: 'Date' (with calendar icon), 'Category' (dropdown), 'Description (Optional)', 'Total', 'Currency'.
- Buttons: 'Cancel', 'Save'.

Expenses Screen:

- Header: Back arrow, 'Expenses', Settings gear.
- List items (repeated three times):
 - Bills and Utility
 - 05/08/2023
 - Roti Kapda Aur Makan
 - Total: 200
 - Currency: RON
- Buttons: 'Edit', 'Delete'.

Bottom Navigation Bar:

- Icons: Expenses (list icon), Incomes (house icon).
- Plus sign (+) in a red circle between the icons.