

Part II: Requirements Analysis

Techniques Used for Requirements Gathering

To identify the requirements for enhancing the EveryDollar app, we employed the following techniques:

1. Document Analysis

- We analyzed the **official EveryDollar website, user guides, and marketing materials** available on the **Ramsey Solutions website**.
- This technique was chosen because it provides an authoritative and structured overview of the current system's **features, functionalities, and limitations**.
- Document analysis was particularly useful in understanding the **intended use case, integration capabilities, and security measures** without requiring direct access to stakeholders.

2. User Reviews Analysis

- We examined **user reviews from app stores (Google Play Store & Apple App Store) and financial product review websites**.
- This technique was selected because it provides **real-world feedback** from users who have interacted with the app, highlighting **pain points, feature requests, and user satisfaction levels**.
- By analyzing user feedback, we were able to identify **recurring issues**, such as **bank syncing problems, lack of investment tracking, and usability concerns**.

3. Competitor Analysis

- We reviewed features and user feedback for **competing budgeting apps like Mint and YNAB (You Need A Budget)**.
- This technique helped identify **potential gaps** in EveryDollar's offerings and provided insights into **industry best practices**.
- By comparing EveryDollar to its competitors, we noted areas where it **lags behind** (e.g., investment tracking, bill pay integration) and opportunities for improvement.

Data Collection Sources

We collected data from publicly available sources, focusing on three primary categories:

1. Official EveryDollar Website

- **Source:** [Ramsey Solutions - EveryDollar](#)

- This source provided in-depth information about the **app's features, benefits, pricing, and supported integrations**.
- 2. **User Reviews from App Stores & Review Websites**
 - **Sources:**
 - Google Play Store & Apple App Store (User Ratings & Reviews)
 - Financial product review websites (e.g., NerdWallet, Investopedia)
 - These sources offered real-world insights into **user experiences, frustrations, and feature requests**.
- 3. **Competitor Websites and App Store Listings**
 - **Sources:**
 - Mint: www.mint.com
 - YNAB (You Need A Budget): www.ynab.com
 - These sources helped compare EveryDollar's **strengths and weaknesses** relative to industry competitors.

Sample Selection

Since the EveryDollar website serves as a **direct source of information for all potential users**, we used it as the **primary data source**. To complement this, we examined:

- **User reviews** to capture the experiences of a **diverse group of actual users**.
- **Competitor insights** to benchmark EveryDollar against similar apps.

This combination ensured a **well-rounded analysis** of the system's strengths and areas for improvement.

Documentation of Requirements Gathering

Web Content Summary

- The **EveryDollar website** provided details on the app's core features:
 - **Zero-based budgeting** approach
 - **Transaction tracking** for bank-linked users
 - **Custom budget categories** with unlimited options
- Key user benefits highlighted include:
 - Helping users **uncover hidden funds**
 - Assisting in **cutting monthly expenses**
 - Encouraging **better budgeting habits**

User Review Insights

- Common **pain points** identified in user feedback:

- **Bank syncing issues** (transactions not updating in real-time)
- **Lack of bill payment integration**
- **High cost of the premium version**
- **Steep learning curve for first-time budgeters**

Competitor Analysis Findings

- **Mint and YNAB** provide **investment tracking** features, which EveryDollar lacks.
- **Mint** offers **free bank syncing**, whereas EveryDollar requires a paid subscription for this feature.
- **YNAB** offers **automation and educational content**, which improves user engagement.

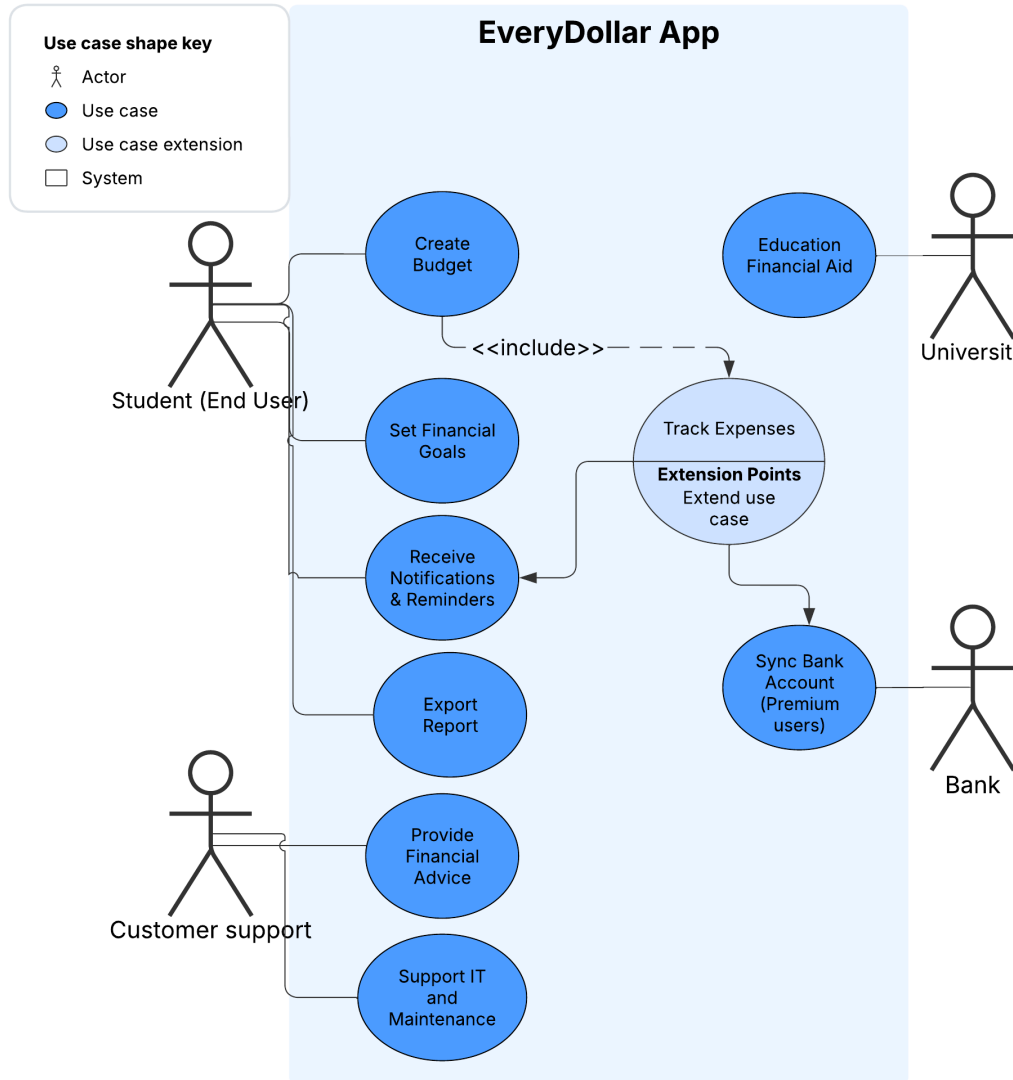
Appendix A: Source for Requirements Analysis

The primary source of information for this analysis was the **official EveryDollar website**:

 [Ramsey Solutions - EveryDollar](#)

Since all findings were based on publicly available information, **no interviews, surveys, or additional documents** were required for this requirements determination process.

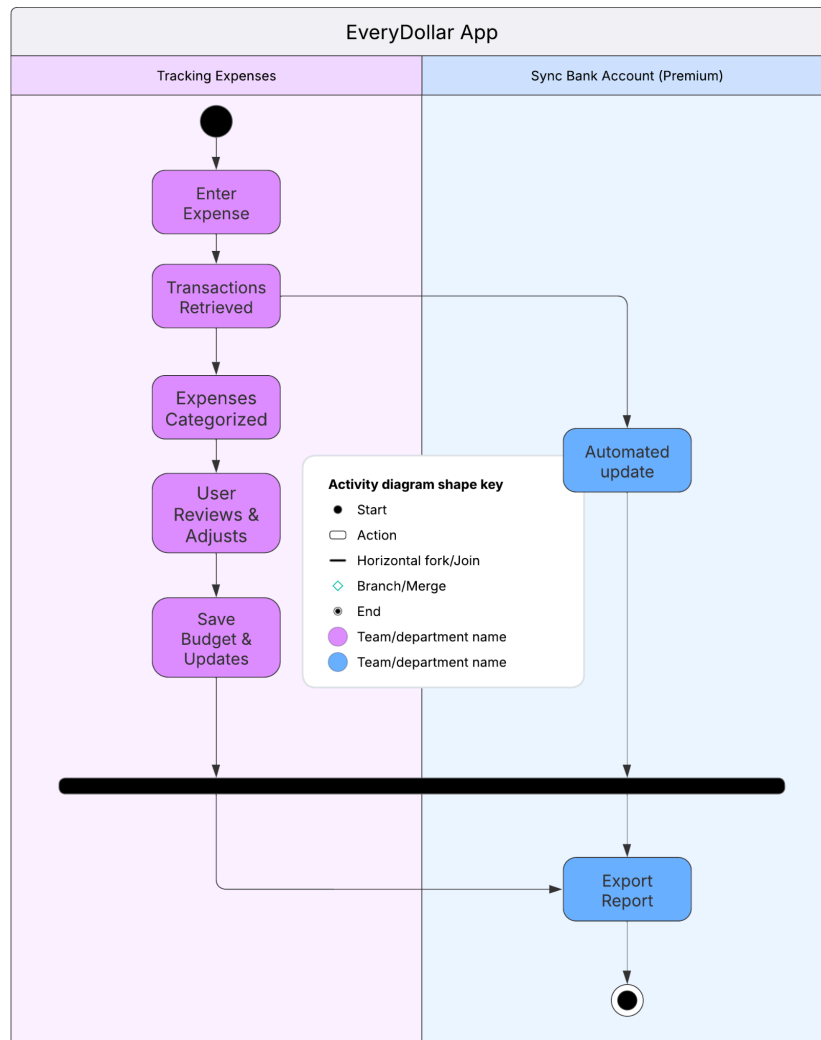
- Use case diagram



Every dollar student budgeting use case diagram illustrates how each actor interacts with the system to manage personal finances. The student, primary users engage with the application in various ways, such as tracking income and expenses. Students can manually enter transactions or users can use paid subscriptions which sync bank accounts for automatic transactions. The application interacts with bank systems to ensure up to date financial data.

The University financial aid office will help students with allocate funds for scholarships, grants, or loan to ensure their financial budget is correct. Customer support will provide financial advice for users and provide data integration, cloud storage, and receipt tracking. Also, maintains the application by ensuring application updates and fixing bugs or technical issues that customers need guidance on budgeting tools. Security notification regarding suspicious activities and notification or bill payment reminders will help students ensure responsible financial management.

- Activity diagram



EveryDollar student budgeting activity diagram outlines the process of student finances by using the application. It starts with the user setup phase, where students login and enter their financial expenses in details such as budget setup, and spending categories based on income and expenses. After the budget is set up, users will enter income and expense entry manually or use the premium version that enables bank account syncing for automated updates.

After inputting transactions, the system categorizes expenses into each budget section for financial tracking. Users can then monitor their financial status through budget tracking, where they can analyze spending patterns and adjust allocations.

The system also integrates bill payment notification or reminders, allowing users to schedule payment through external calendar integrations. The diagram includes tools for savings and debt payoff to set users for tracking financial goals.

The application features will help refining users budgeting strategies, which leads to overview of their financial goal. The system will continuously update the user's budget status ensuring financial stability and progress.