Project Design Phase-II
Data Flow Diagram & User Stories

Date	29 October 2023
Team ID	PNT2023TMID590970
Project Name	Project – Money Matters
Maximum Marks	4 Marks

Data Flow Diagrams:

- User Interaction: Users interact with the app through their mobile or desktop devices, inputting data and making requests.

- Frontend Application: The frontend handles the user interface, where users input data such as transactions, budget goals, and investment preferences. It also sends requests to the backend.

- Backend Server: The backend server manages user authentication, business logic, and data processing. It receives requests from the frontend, processes them, and interacts with various data sources and third-party APIs.

- Data Storage: User data, transaction history, and other relevant information are stored in databases. These databases are accessed by the backend to retrieve and update user data.

- Third-party APIs: The backend server communicates with third-party financial APIs to obtain real-time financial data, such as stock prices, exchange rates, and market information.

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User

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  v

FrontEnd

  |
  v

process Money
information ──────────────────┐
                              │
                              v
                          Backend ◄──────── Third Party
                              │
                              │
    DataStorage ─────────────┘
                              │
    User Profile ◄────────────┘
                              │
                              v
                          Databases
```

User

FrontEnd

process Money information

Backend

D User Profile

D DataStorage

Third Party

D Databases
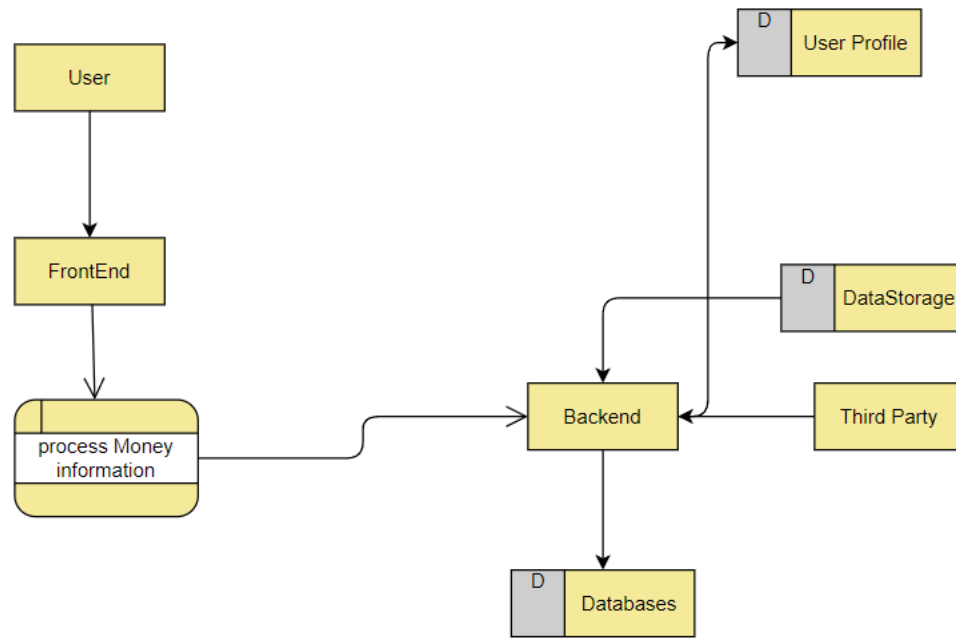
User Stories

User Type	Functional Requirement (EPICS)	User Story Number	User Story	Acceptance Criteria	Priority	Release
Mobile User (Android)	User Profile	USN-1	As a user, I want to create a personal profile.	User can input personal details such as name, email, and password	High	Sprint-1
	User Profile	USN-2	As a user, I want to log in to my account.	User can enter their email and password to log in	High	Sprin-1
	Expense Tracking	USN-3	As a user, I want to track my expenses.	User can add, categorize, and edit expenses	High	Sprint-1
	Budgeting	USN-4	As a user, I want to set a monthly budget.	User can define a budget amount for each expense category.	High	Sprint-2
	Saving Goals	USN-5	As a user, I want to monitor my savings goals.	User can create, edit, and delete savings goals with target amounts	High	Sprint-2
	Investment	USN-6	As a user, I want to receive investment advice.	User can access educational content on investment strategies.	Medium	Sprint-3
	Data Integration	USN-7	As a user, I want to integrate my financial accounts.	User can link their bank accounts, credit cards, and investment accounts	Low	Sprint-4
	Customization	USN-8	As a user, I want to customize my	User can personalize the	low	Sprint-4

			app experience.	app's theme, design, and layout		