# Budget Tracking

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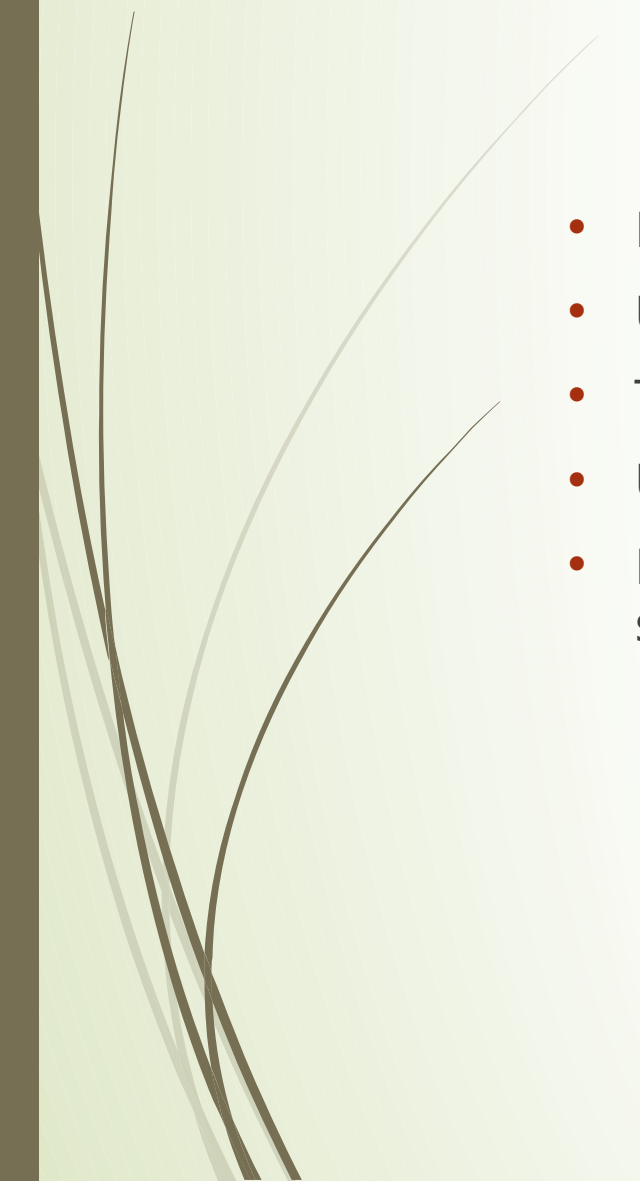
# Project Overview

- **Purpose:** Create an application that will allow users to easily create a budget in digital format

- Allow more people to start budgeting + learning about finance

- Increase financial literacy + quick, useful tool for people who already know about the budget

- **Scope:** Include basic budgeting tools; limited automatic budget creation; rely on the user to create categories + make estimates

# Key Architectural Drivers

- Functionality – GUI, ability to create/save information

- Users' data

- Target Customers: who will use the system

- User Characteristics: weekly/monthly basis

- Non-functional Requirements: accessibility, extensibility, maintainability, security, testability + usability
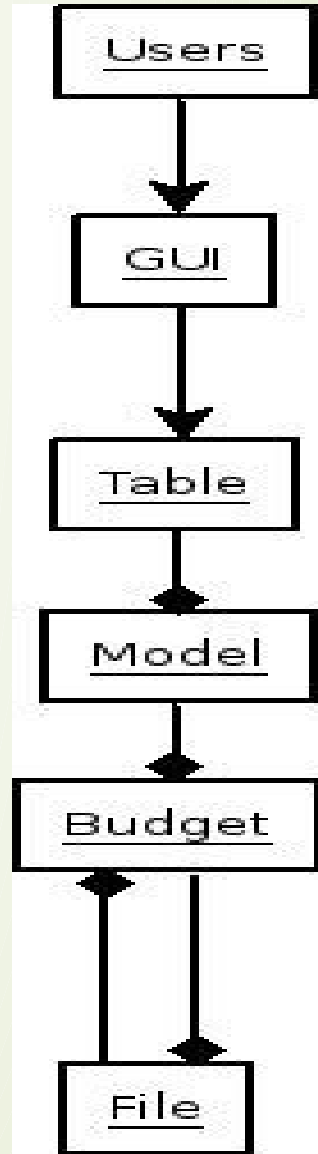
# Architectural Styles

- Our application is divided into different tiers: UI, Logic and the database.
  - Two styles considered:      N-Tier and Layered

1. N-Tier:  No Server-Client Interaction in our application so not a good choice.
2. Layered: We have the 3 layers that will provide services to the layer above and will use the services of the layers below.

So we chose the **Layered Architecture.**

# Architecture Diagram

# Conclusion

- We are using the Layered Architectural Style.

Issues:
- If we chose to make this into a mobile/online application, we would have to change the architecture to N-Tier because we would need a client server interface.