Diagram:

Mobile Devices (Clients)

These are the devices used by users to access the mobile banking app

Mobile Banking App

This is the app installed on the mobile devices. It handles user interactions.

Authentication Server

Responsible for authenticating users and authorizing their access to banking app. i.e. passwords, biometrics, etc.

API Gateway

Acts as a passage that routes requests from the app to the backend services.

Firewall and Security

Provides a layer of protection to the entire system.

Backend

Any backend services that may be included in the app.

DataBase

Stores user data, account information, transaction history, and other data

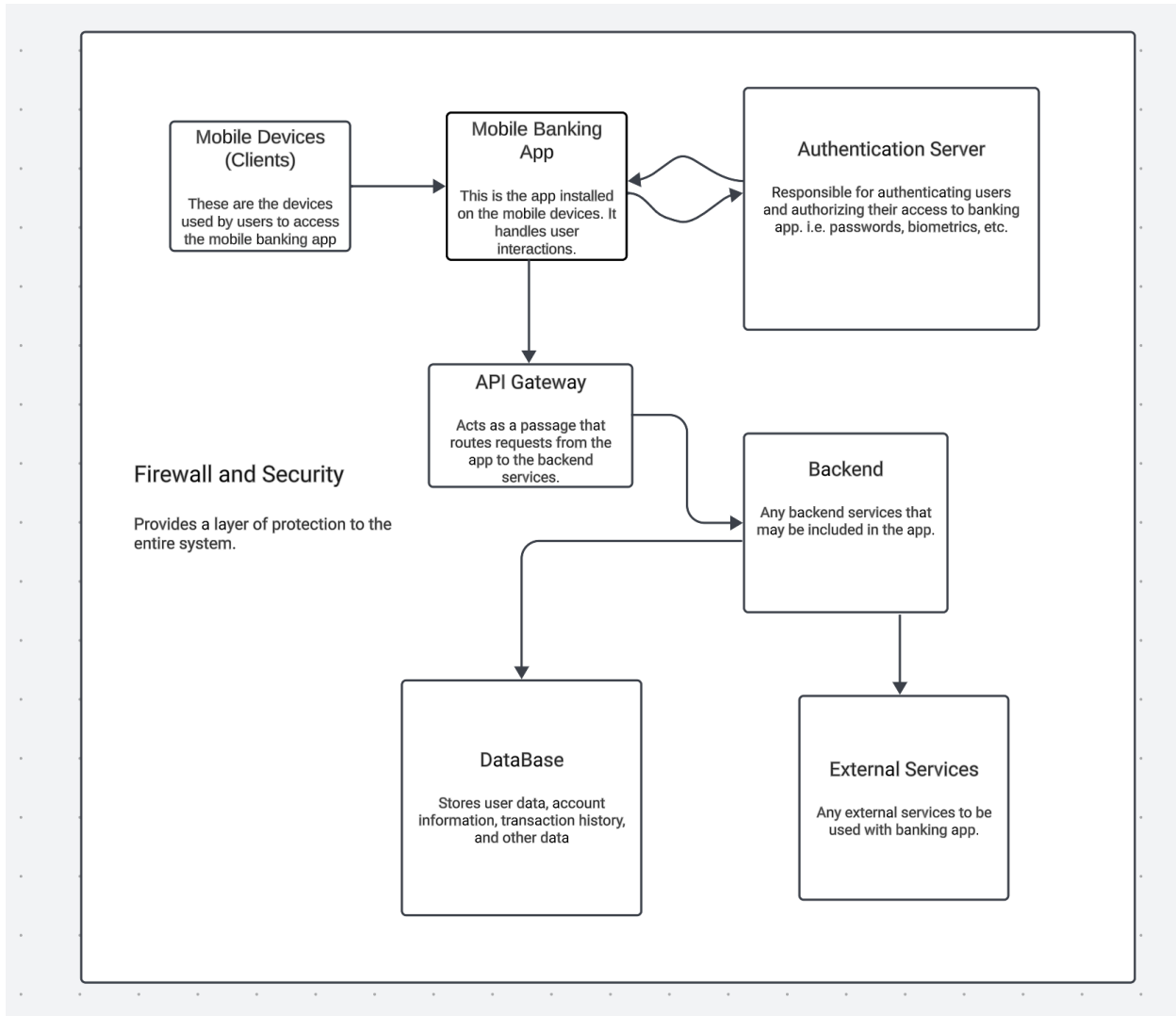**External Services**

Any external services to be used with banking app.

Description:

Components:

Mobile Devices: These are the devices used by customers to access the mobile banking application.

Banking App: The mobile application installed on users' devices for accessing banking app. It handles user interactions.

Authentication Server: Responsible for authenticating users and authorizing their access to banking services.

API Gateway: Serves as a passage for routing requests from the mobile app to the backend services.

Backend Services: Any backend services that may be included in the app.

Database: Stores user data, account information, transaction history, and other relevant data.

External Services: Any external services to be used with the app.

Connectors:

Mobile Devices -> Banking App: Mobile devices connect to the banking app via the devices.

Banking App -> API Gateway: The banking app communicates with the API Gateway to request banking services.

Banking App -> Authentication Server: The app connects to the authentication server to authenticate users.

API Gateway -> Backend Services: The API Gateway routes requests from the mobile app to the backend services.

Backend Services -> Database: Backend services interact with the database to read or write user data.

Backend Services -> External Services: Backend services connect to external services to access core banking systems and other external resources as needed.