FastAPI Backend Implementation Plan

1. Project Setup

- Initialize Project: Set up a FastAPI application with dependencies.

- Folder Structure:

```
backend/
    ■■■ app/
        ■■■ main.py        # Entry point
        ■■■ api/           # Endpoints
            ■■■ auth.py
            ■■■ loans.py
            ■■■ profile.py
            ■■■ dashboard.py
        ■■■ core/          # Config & Security
        ■■■ models/        # ORM Models
        ■■■ schemas/       # Pydantic Schemas
        ■■■ db/            # DB Session & Migrations
        ■■■ tests/         # Unit Tests
```

2. API Endpoints

A. Authentication

   - POST /auth/register: Register new users.

   - POST /auth/login: Authenticate and generate JWT tokens.

   - GET /auth/me: Fetch logged-in user details.

B. Dashboard

   - GET /dashboard/broker: Retrieve broker details.

   - POST /dashboard/broker: Create broker profile.

   - GET /dashboard/loan/{id}: Fetch loan details.

   - POST /dashboard/loan: Create a new loan.

   - PUT /dashboard/loan/{id}: Update loan data.