### ■ Week 1 – Documentation

Project: Nexus – Investor & Entrepreneur Collaboration Platform

Intern: Fizzah Hassan Duration: Week 1

#### ■ Milestone 1: Environment Setup & Codebase Familiarization

- Forked and cloned the Nexus GitHub repo.

- Set up backend environment (Node.js + Express + MongoDB).
- Connected backend with MongoDB Atlas successfully.
- Explored and reviewed existing frontend structure (React + Vercel deployment).
- Identified pages that need backend API integration.

#### ■ Milestone 2: User Authentication & Profiles

- Implemented JWT-based authentication.
- Created APIs for user registration, login, and profile management.
- Configured role-based access for Investors vs Entrepreneurs.
- Stored user profiles in MongoDB with extended fields (name, email, role, bio, preferences, startup/investment history).
- Tested APIs using Postman and verified successful user registration & login.
- Added middleware for token verification & authorization.

#### ■ API Endpoints (Week 1)

Method	Endpoint	Description
POST	/auth/register	Register a new user
POST	/auth/login	Login & get JWT token
GET	/user/profile	Get user profile (auth needed)
PUT	/user/profile	Update user profile (auth)

## **■** Frontend Features Requiring Backend APIs

Frontend Page	Backend API Needed
Signup Page	/auth/register
Login Page	/auth/login
Profile Page	/user/profile (GET & PUT)
Dashboard	Role-based API (to be added Week 2)
Settings	Profile update API (/user/profile)

## ■ Deliverables (Week 1)

- Backend environment setup completed.
- Functional authentication system (JWT).

- User profiles stored/retrieved from MongoDB.
- Weekly documentation (this file).
- Updated GitHub repo with backend integration.

# ■ Next Week (Week 2) Goals

- Expand profile features (investment/startup history).
- Implement role-based dashboards.
- Start planning Meeting Scheduling API.