

## Module 2: Backend Setup & Core Model (Week 2)

### Objective:

To establish the Spring Boot REST API foundation and define the core data structure using MongoDB.

### Scope of Work:

#### 1. Spring Boot Initialization

- Project initialized with core dependencies.

#### 2. Database Configuration

- MongoDB connection configured.

#### 3. Campaign Data Structure

- Campaign model with title, description, imageUrl, currentAmount, goalAmount, category.

#### 4. Data Access Layer

- CampaignRepository extends MongoRepository.

#### 5. Seeding Implementation

- CommandLineRunner seeds initial campaign data.

### Key Deliverables:

- Successful MongoDB connection.
- Defined Campaign model.