Week 1-2: Introduction to Django & Setup

1. Introduction to the Back-End

- Overview of back-end development and Django

- Command line and terminal basics

2. Setting up Django

- Installing Django

- Creating your first Django project

Week 3-4: Django Basics & Application Structure

3. Django Project Structure

- Understanding Django app structure

- Overview of settings, urls.py, views.py

4. Creating a Django Application

- Starting a new Django app

- Writing your first view

- URLs and templates

Week 5-6: Django Templates & Static Files

5. Django Templates

- Working with Django template language

- Template inheritance

6. Static Files

- Using static files in Django

- Serving CSS, JS, and image files

Week 7-8: Models & Database

7. Introduction to Django Models

- Defining models in Django

- Running migrations and interacting with the database

8. Django Admin

- Introduction to Django admin interface

- Customizing the Django admin

Week 9-10: Forms & Validation

9. Working with Django Forms

- Creating forms in Django

- Handling form submission and validation

10. Model Forms

- Using ModelForms to handle model data in forms

Week 11-12: Views, URL Mapping, and Final Project

11. Django Views & URL Mappings

- Mapping URLs to views

- Handling GET and POST requests

12. Final Project

- Overview and implementation of a simple Django project