

# HireSpot Project Roadmap

## Phase 1: Planning & Requirements

**Objective:** Define the core features and tech stack.

**Tasks:**

1. Define user roles:
  - JobSeeker
  - Recruiter
  - Admin (site management)
2. List core features:
  - User registration/login (JWT or session-based)
  - Profile management (Recruiter & JobSeeker)
  - Job posting & management (CRUD)
  - Job search & filtering
  - Job application process
  - Admin dashboard for monitoring
3. Choose tech stack:
  - Backend: Django, Django REST Framework
  - Authentication: JWT
  - Database: PostgreSQL
  - Frontend: React or Next.js with Tailwind CSS
4. Draw **ERD (Entity Relationship Diagram)** for database design.

## Phase 2: Backend Development

**Objective:** Build the API and database models.

**Tasks:**

1. **Setup Project**
  - Create Django project: nexus
  - Create apps: HireSpot
  - Configure PostgreSQL connection
2. **Create Models**
  - Recruiter, JobSeeker, Job, JobApplication (already done)
  - Define choices, relationships, and validations
3. **Admin Panel Setup**
  - Register all models in admin.py?
  - Customize admin interface for Recruiter & JobSeeker profiles?
4. **Serializers & API**
  - Create DRF serializers for each model
  - Expose CRUD endpoints:

- Job CRUD
- Recruiter & JobSeeker profiles
- Job applications

## 5. **Authentication & Permissions**

- Implement JWT authentication (or Django auth)
- Set permissions:
  - Recruiters can post/edit jobs?
  - JobSeekers can apply to jobs?

## 6. **Testing**

- API testing with Swagger and Postman