**Project Documentation**

**Project Name: Unstop Clone**

**Technology Stack: Django Framework, XAMPP (MySQL Database), Bootstrap, HTML, CSS, JavaScript**

**1. Project Overview**

The Unstop Clone project is a web-based application developed using the Django Framework. It replicates the core functionalities of the Unstop platform, providing users with opportunities to apply for internships, jobs, and competitions.

The platform supports multiple roles, including Admin, College Admin, Company Admin, and User (Student). Each role has its own dedicated dashboard for managing relevant data and performing specific actions.

The application ensures secure authentication, dynamic data rendering, and role-based access control, making it a complete solution for managing recruitment and competition activities.

**2. Core Features**

**2.1 Home**

* The homepage acts as the entry point for users.
* Displays available **internships, jobs, and competitions** in a structured layout using Bootstrap.
* Provides navigation to **Registration** and **Login** pages.
* **Key Functionalities:**
  + Users can explore opportunities but **cannot apply** without registration and login.
  + Responsive design for better user experience.

**2.2 User Authentication**

* **Registration Page:**
  + New users can register by providing **name, email, and password**.
* **Login Page:**
  + Registered users can log in using their email and password.
  + Authentication is handled via **Django’s authentication system**.
* Users must **log in** before applying for any internship, job, or competition.

**2.3 User Dashboard**

* After successful login, users get access to their personal dashboard.
* **Features:**
  + View all **applied internships, jobs, and competitions**.
  + Track application status (e.g., payment success for paid internships).
  + Profile management.

**3. Dashboards in the System**

The project consists of **four dashboards**, each designed for a specific role:

**3.1 Admin Dashboard**

* **Access:** Only for system administrators.
* **Features:**
  + Manage **Schools, Colleges, and Companies** (Add, Edit, Delete).
  + Manage **Students** (view/edit student data based on college, school, or company).
  + Manage **Internships, Jobs, and Competitions** (Add, Edit, Delete).
  + View complete analytics with **charts and tables**.

**3.2 College Admin Dashboard**

* **Access:** For registered colleges only.
* **Login:** College must **register** and then log in with email and password.
* **Features:**
  + View all **students registered under the college**.
  + Track which **student has applied for which opportunity** (internship, job, or competition).
  + Analytics dashboard with counts and tables for better monitoring.

**3.3 Company Admin Dashboard**

* **Access:** For registered companies.
* **Features:**
  + Manage **job and internship postings**.
  + View and manage **applications received from students**.
  + Access **company-specific analytics**.

**3.4 User Dashboard (Student)**

* **Access:** For registered users.
* **Features:**
  + View and track **applied internships, jobs, and competitions**.
  + Profile management and updates.
  + View **application status** (e.g., success, pending, or not applicable).

**4. Application Workflow**

1. **Homepage Access:**
   * User visits homepage → Browses available opportunities.
2. **Registration & Login:**
   * If the user is new → **Registers**.
   * If already registered → **Logs in**.
3. **Apply for Opportunities:**
   * After login, user can apply for any **internship, job, or competition**.
   * Application details are saved in **AppliedInternship**, **AppliedForJob**, or **CompetitionsApplied** models.
4. **Payment Handling (for Paid Internships):**
   * Users get options for **Pay Now** or **Pay Later** during application.
5. **Dashboard Views:**
   * **User Dashboard:** Shows applied opportunities.
   * **College Dashboard:** Shows students and their applications.
   * **Company Dashboard:** Shows job/internship applications.
   * **Admin Dashboard:** Full control and analytics.

**5. Technology Stack & Tools**

* **Frontend:** HTML, CSS, Bootstrap, JavaScript
* **Backend:** Django Framework (Python)
* **Database:** MySQL (via XAMPP)
* **Charts:** Chart.js for analytics
* **Authentication:** Django Authentication System

**6. Future Enhancements**

* Integration of **real-time notifications** for application updates.
* **Payment Gateway Integration** for live payments.
* Enhanced **search and filter system** using AJAX.
* Mobile-friendly **progressive web app** design.

Links to access Dashboard Panels. :   
  
<http://127.0.0.1:8000/adminpaneldashboard/> - Admin Dashboard  
<http://127.0.0.1:8000/company-admin/company-dashboard/-> Company- Dashboard   
<http://127.0.0.1:8000/college-admin> - College Dashboard

<http://127.0.0.1:8000/user-panel/user-login/> - User Dashboard

Db name- unstopdb

Github Link: github.com/Shubham-Goswami-Github/unstop-clone