

CodeOps Pro Internship Management System - Local Setup Guide

Yeh guide aapko CodeOps Pro Internship Management System ko apne local machine par VS Code mein setup aur run karne mein madad karegi. Is system mein ek Flask backend aur ek React frontend shamil hai.

Prerequisites

Shuru karne se pehle, yeh ensure kar lein ke aapke paas yeh tools install hain:

- **Python 3.8+:** Backend ke liye.
- **Node.js 18+ & npm/yarn:** Frontend ke liye.
- **Git:** Source code clone karne ke liye.
- **VS Code:** Development environment ke liye.

Step 1: Source Code Download

Sab se pehle, project ke source code ko download karein. Main ne aapke liye do zip files banaye hain:

- `codeops-internship-backend.zip`
- `codeops-internship-frontend.zip`

In files ko download karein aur apne preferred directory mein extract karein. Extract karne ke baad aapke paas do folders honge: `codeops-internship-backend` aur `codeops-internship-frontend` .

Step 2: Backend Setup (Flask)

Backend ko setup karne ke liye in steps ko follow karein:

1. **Terminal Open Karein:** VS Code mein ek naya terminal open karein.
2. **Backend Directory mein Jaayen:** Terminal mein backend directory mein navigate karein:
3. **Virtual Environment Banayen (Recommended):**
4. **Virtual Environment Activate Karein:**
 - **Linux/macOS:**
 - **Windows (Command Prompt):**
 - **Windows (PowerShell):**
5. **Dependencies Install Karein:**
6. **Database Populate Karein:** Initial data ke liye database ko populate karein:
7. **Backend Server Start Karein:**

Step 3: Frontend Setup (React)

Frontend ko setup karne ke liye in steps ko follow karein:

1. **Naya Terminal Open Karein:** VS Code mein ek aur naya terminal open karein.
2. **Frontend Directory mein Jaayen:** Terminal mein frontend directory mein navigate karein:
3. **Dependencies Install Karein:**
4. **Frontend Server Start Karein:**

Step 4: Access the Application

- **Frontend:** Apne web browser mein `http://localhost:5173` (ya jo bhi port `npm run dev` ne diya ho) open karein.

- **Backend API:** Frontend automatically backend API se `http://127.0.0.1:5000/api` par connect ho jayega.

Demo Credentials

- **Admin:** username: `admin` , password: `Admin123!`
- **Students:** Registration page se naye accounts bana sakte hain.

Agar aapko koi bhi issue aaye to mujhse pooch sakte hain.