Figure 1: Enter Caption

Career Hub

BCP104 – Programming with Python

Department of Computer Science

Accra Technical University

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Group Members

Name	Index Number	Contribution
Tetteh Mensah	01243743B	Wrote database models, handled Django framework
Godwin Owusu	01242956B	Designed frontend templates, implemented login feature
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Introduction

The Career Hub project is a web application designed to connect job seekers with potential employers. It serves as a centralized platform where companies can post job listings and job seekers can search, view, and apply for open positions. The application is built using the Django framework, a high-level Python web framework that encourages rapid development and clean, realistic design.

Project Methodology

The project was developed following a modular approach, where each key feature was implemented as a separate component, or "app," within the main Django project. This methodology allows for better code organization, scalability, and maintainability. The core functionalities were built using Django's Model-View-Template (MVT) architecture, with a focus on creating clean, reusable components.

Key Features Implemented

The following features have been successfully developed and integrated into the platform:

Job Listings Management

- **Job List Page**: A homepage that displays all available job listings.
- **Job Detail Page**: A dedicated page for each job that provides a detailed description, location, and company information.
- **Job Application Form**: A form that allows users to apply for a specific job. The form is protected with Django's built-in Cross-Site Request Forgery (CSRF) tokens.

User Authentication and Dashboards

- **Authentication Pages**: Pages for user registration, login, and logout. These pages are built using Django's built-in authentication system to ensure security.
- **User Dashboard**: A personalized page for job seekers to view their information and track their applications.
- **Employer Dashboard**: A dedicated dashboard for employers to manage their job postings. This includes viewing a list of their posted jobs.

Company Profiles

- **Company List Page**: A page that lists all companies with job postings. Each company name is a clickable link.
- **Company Profile Page**: A dedicated page for each company that displays all of their current job openings.

Static Pages and Navigation

- **About Us Page**: A static page providing information about the project's mission and team.

- **Navigation System**: A dynamic navigation bar that changes based on the user's authentication status (e.g., showing "Log In" or "Dashboard").

Conclusion

The Career Hub project is a web application designed to connect job seekers with potential employers. It serves as a centralized platform where companies can post job listings and job seekers can search, view, and apply for open positions. The Career Hub project is a bit incomplete because we are unable to host it on a domain.