



**Academic Guide**  
Dr. Timothy Menzies  
Professor  
[tjmenzie@ncsu.edu](mailto:tjmenzie@ncsu.edu)

# NCSU Campus Jobs System 2.0

Master of Science, Department of Computer Science  
North Carolina State University

**Team Members**  
Raj - [rbpatel4](#)  
Meet - [mvora2](#)  
Vihar - [vshah23](#)



## ABSTRACT

The "NCSU Campus Job Review System" is a web based tool created with Flask and SQL to facilitate the sharing and access of job reviews for different on-campus employment possibilities among NC State University students. The website guarantees the confidentiality of reviewers, enabling students to offer candid assessments of the job setting, duties, and overall experience. This approach attempts to help students by offering insightful information about the roles they are considering, make well-informed judgments about part-time job options on campus.

## ENHANCEMENTS

### Review filters and Alerts

**Filter and Search:** Users can filter reviews based on job roles, departments, or ratings.

**Detailed Rating System:** Rating jobs based on multiple criteria like difficulty, work-life balance, and learning opportunities.

**Upvote System for Reviews:** Helpful reviews can be upvoted by readers.

**Email alerts:** Applicants can get email alerts on various open positions.

### Apply to open Job postings

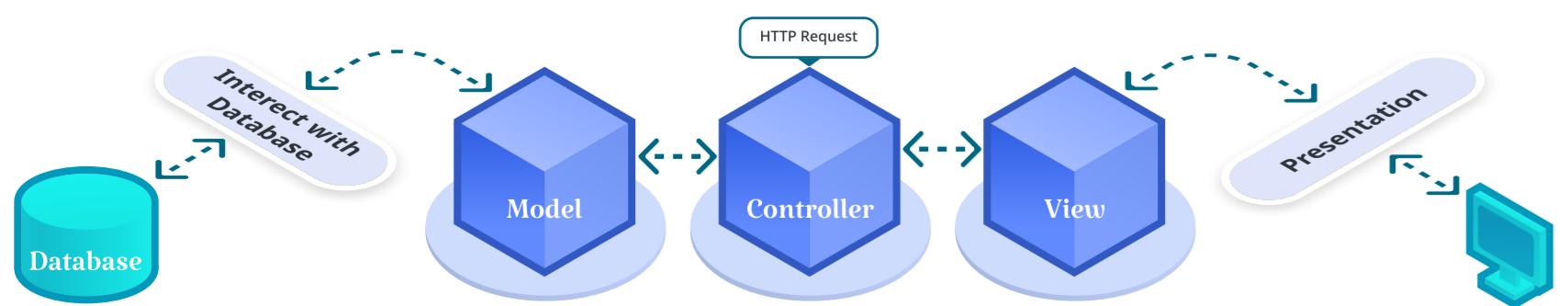
The Applicant Job Application feature allows job seekers to easily browse, search, and apply for open job vacancies posted by employers on the platform. It provides a user-friendly and efficient process for candidates to find suitable job opportunities and submit their applications. Additionally, applicants can track the status of their submissions, ensuring a transparent and organized job application experience.

### Employer Job Postings

The Employer Account functionality enables companies to create, manage, and maintain an account on the platform, allowing them to post and track job vacancies. This feature is designed to streamline the recruitment process, giving employers a comprehensive tool to post openings, review applications, and manage job listings.

### Model View Controller (MVC)

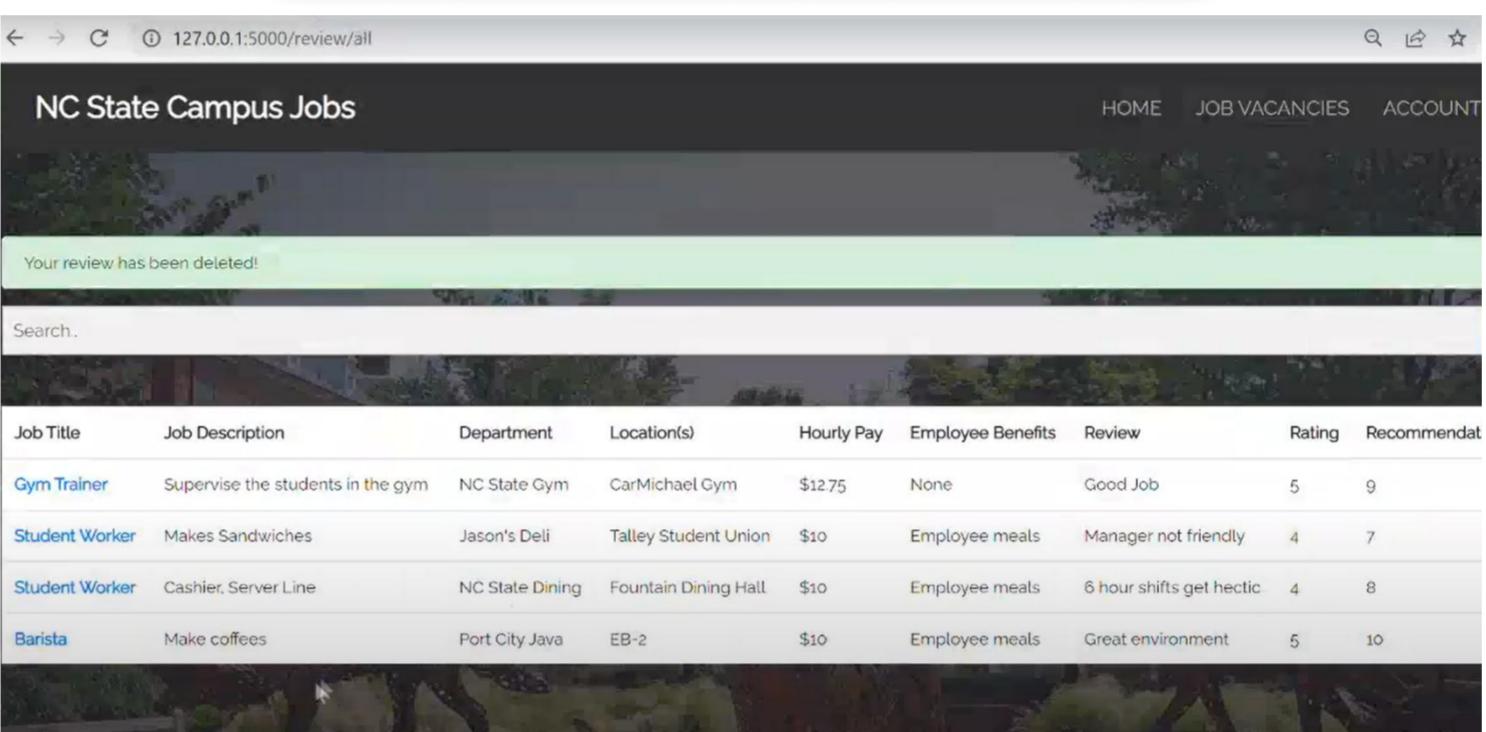
MVC is an architectural design which divides the whole application into three components



## INTRODUCTION

### Overview

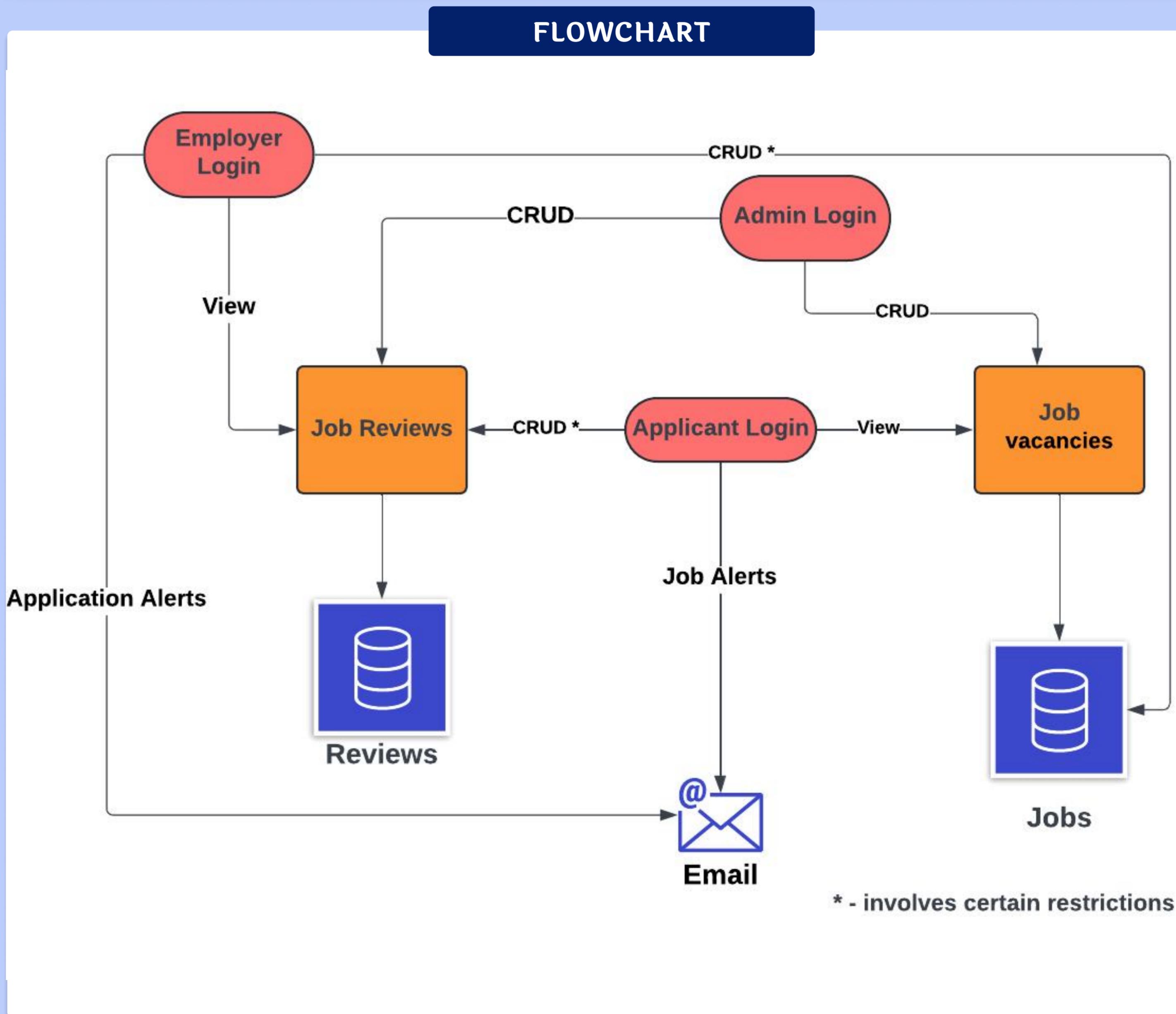
The NCSU Campus Job Review System is designed to help students access real feedback from their peers regarding various on-campus jobs. This application allows students to submit reviews anonymously, and others can view these reviews before applying for a specific job. The system simplifies job selection decisions for students by offering insights about job roles that go beyond the official job descriptions.



### Features

The system enables students to securely create accounts and submit anonymous reviews for on-campus jobs, ensuring only authenticated users can post while maintaining privacy. Students can also browse reviews from peers, gaining insights into various job roles. With SQL Database Integration, user accounts, reviews, and job information are efficiently managed, ensuring data security and smooth performance. While the current implementation includes six test cases, we plan to expand this to 50 test cases to further enhance the system's robustness and reliability.

## TECHNOLOGY STACK



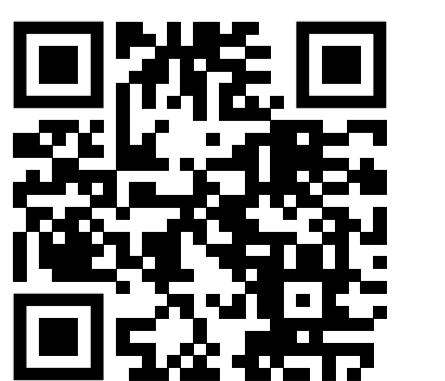
## SUMMARY

The NC State Campus Jobs Review System allows students to securely log in, submit anonymous job reviews, and browse feedback on various on-campus jobs. The system uses a SQL database to manage reviews, user accounts, and job details, ensuring data security. It provides a simple and reliable way for students to make informed decisions about campus employment opportunities.

## SCAN ME



Github



Live demo