College Placement Recruitment system using Android App

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Abstract*: The purpose of the "College Placement Recruitment Management System" is to improve and expedite the placement procedure in educational establishments. This project aims to design a complete system that automates and streamlines the recruiting workflow in response to the increasing complexity of handling placement activities. The technology makes it easier for students, recruiters, and administrators to communicate with each other in a smooth and user-friendly manner. The College Placement Recruitment Management System's methodical study, design, and implementation are described in this project report. With capabilities like user registration, job posting, application submission, interview scheduling, and result administration, the system meets the varied needs of its users.*

Keywords: College Placement, Career Services, Student Placement, Application Tracking, Interview Scheduling, Result Management, and User Registration

I. INTRODUCTION

College Placement Recruitment System is an Android tool that facilitates the matching of students with employment openings. It offers a smooth experience for companies seeking for skilled workers as well as students looking for work. This system simplifies and improves the hiring process by providing a single location for job postings, resume submissions, and interview scheduling.Forstudents, the move from the classroom to the professional workforce is a crucial stage in the ever-changing world of higher education. Institutions are using technology more and more to improve the effectiveness of their placement and recruitment procedures in an effort to smoothly navigate this shift. For students and prospective employers alike, the incorporation of mobile applications has shown to be a game-changing strategy, providing accessibility, convenience, and real-time connectivity.

This report explores the planning and creation of an Android application-based college placement recruitment system. Acknowledging the varied demands of employers and graduating students, this system seeks to offer a comprehensive platform that enables efficient communication, streamlined job placement processes, and data-driven insights.

II. LITERATURE SURVEY

Author / Year	Title	Description	Gap identified
Chethan BN1, Garvita Jhawar2, Chitraksh Srivastava3, Attuul Geriyan[4], Dr. Amutha S[5] (2022)	A Survey on Online Campus Job Recruitment System.	The Online Training and Placement System management system that is being proposed is designed to make it easier for users to add and retrieve information rapidly.	The majority of work is done manually in the current system, requires time to update.
MYTHILI M, AISHWARYA R, SHENBAGAM P, SANDHIYA C (2018)	E-PLACEMENT MANAGEMENT	The suggested system is an online program that, with the right login, can be accessed both inside and outside the company.	A placement officer must spend a great deal of time gathering and approving the details that students submit.
Ajin P Jose , Student, CSE, IESCE, Kerala, India	PLACEMENT MANAGEMENT	The proposed system can overcome every drawback of the	If any changes or updates are needed for

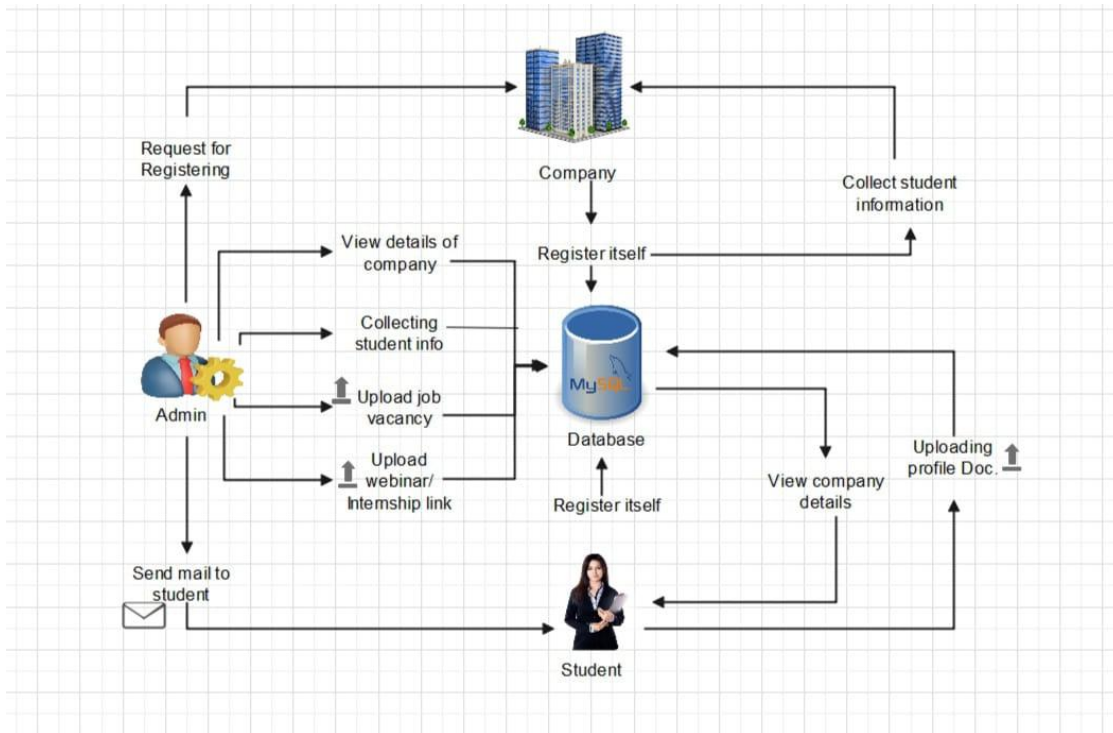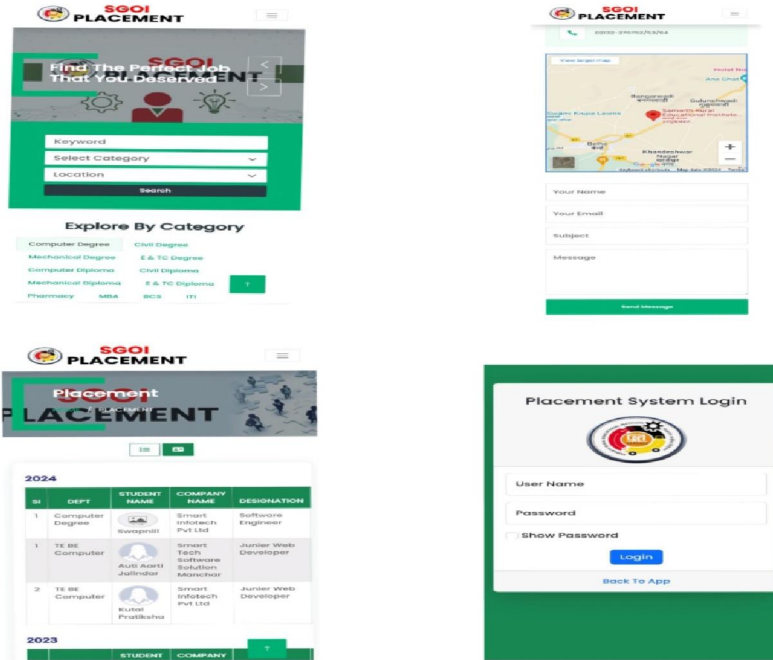|			
Hanshida P, Student, CSE, IESCE, Kerala, India Smruthi Pius, Student, CSE, IESCE, Kerala, India YaseenKunhali , (2022)	SYSTEM FOR CAMPUS RECRUITMENT	current one, including the fact that student data is kept in a database, increased data security, and data accuracy is guaranteed.	any student's profile, they must be made manually.

III. SYSTEM ARCHITECTURE

Fig 1. System Architecture

The college placement system has a web-based admin interface in addition to Android app-based modules for companies and students. Companies can post positions and review applications, while students can manage their profiles, look for jobs, and apply. Business logic, database administration, and authentication are all handled by the backend server. Email and push alerts are examples of external services that provide real-time updates. For robustness and maintainability, integration testing, documentation, and logging are given top priority in the system.

IV. PROPOSED SYSTEM

- User Profiles and Registration
- Postings for Jobs and Internships
- Handling Applications and Resumes
- Smartphone Usability
- Workshops on Career Development
- Security Protocols

V. RESULT

VI. CONCLUSION

Streamlining the job placement process, the Android app-based college placement recruitment system provides employers and students with an easy-to-use solution. Secure authentication, job postings, application procedures, scheduling of interviews, and feedback systems are some of the important features. Enhancing accessibility and user experience, the system has analytics, offline support, and strict security measures. With its implementation, the educational ecosystem will become more modern and facilitate effective communication between business and academia.

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