

Campus Connector

¹Pranav Dubey,² Rahul Kumar and ³Sarika Singh

^{1,2}Department of Computing Science and Engineering

³Assistant Professor

Shri Ramswaroop Memorial College of Engineering and Management,
Uttar Pradesh, Lucknow.

Abstract -This research paper has been made regarding intra-college communication system which student of different colleges will participate in the placement/jobs event. Every year lakhs of student are being graduate from the different institutes but most of them are still unplaced so this platform provides the right opportunity for the unplaced candidates. Through this portal candidates can participate in the event through the online as well as offline mode. Moreover through this platform candidates can take the benefits from the remote area as well. This platform lift the percentage of the placed candidate rapidly by providing the suitable jobs at the right time. This platform has been made to assists in the planning and help the candidate to known that your organization is equipped with the right level of details for your future goals. It makes the events more feasible for the students as well as for the faculties. Every institute whether it is big or small, has high pressure of providing jobs to the student for the betterment of the candidate's future and institute's ratings. Every institution tries to give their best to provide the high package jobs to all the deserving candidate but failed to do so but through this platform many students of different colleges can participate and get the right jobs on their performance. In this platform different modules are linked together such as login pages for sign-up as well as new user. New user can change their profile details regarding profile photos and details. This platform provides separate access for the different candidate's section.

Keywords – web API, HTML, CSS, asp.net, Angular.js, MongoDB compass, modules, controllers, field, Visual studio code, visual studio 2022, XAMPP control panel software, Local host, placement drives, User Portal etc.

I. INTRODUCTION

This platform helps the institution in better utilization of the resources and availing the good jobs to their students as well as for the students which are from other institutions. Each year tons of student get the degree of graduation but unable to get the jobs after spending lots of money on themselves. This platform makes the placement drive much easier for the remote candidates or

alumni through online mode. It doesn't matter whether the institution is big or small the main goal of every organization is upskilled their candidates before the arrival of companies in the campus.

This platform act as online portal for the all other college's students. This system is designed for the jobs/events for the student/candidates of different colleges through the online mode. It contains one admin who authorize the CRs of different colleges. Admin allows the CRs to post the jobs/events of their jobs of their colleges. CRs have rights to check whether the registered students is of particular colleges are not. Every college or institution has separate CRs to represent their colleges. Jobs/events are activated/deactivated by the college representative. The student can register on the platform with the username and password. If the student is already registered then he/she will login otherwise he will sign-up.

The role of Admin to manage the platform as well as CRs authorization. Admin can apply required changes in the platform according to the institution needs. CRs can post or remove the events.

The CRs can specify whether the event is going to held in the campus or off the campus. The role of the CRs is to manage the students as well. They have to verify whether the registered student is of their college or not. If the registered user is not of their college they he/she have right to eliminate the candidate without asking from them.

The new user has to sign-up before participating in the event on the platform. The new user has to give the basic details of themselves to participate in the drive or events. They have to give their passport size pictures to upload their picture on the platform.

The main role of admin to manage and regulate the all the CRs and all the CRs have to registered themselves on the platform for posting the events and representing their colleges. Mainly the CRs are placement officers who regularly posting and updating the jobs/event on the platform for the students of their colleges.

Different technologies are used such as HTML, CSS, Javascript, Angular.js Asp.net above these are used for the client side or end user side and the technologies used at the server side are My SQL, MongoDB compass for storing the data and records. All the data whether it is of Students or CRs their data is stored in the MongoDB compass. Admin can apply required changes in the database anytime as he/she needs. Admin can view and fetch the database according to his need and required. This software package is developed using HTML, CSS, Bootstrap as front end, JavaScript, jQuery as client sides validation, Ajax as server sides validation, PHP as business logic, MySQL as to store the database and Apache as web server.

Student are able to see and get the high and good opportunity through this platform. Appropriate credentials are created for each student.

II. LITERATURE REVIEW

The ongoing placement and recruitment system are slow and difficult. With the involvement of human serval error are occur which result into student dropout. The current placement system has significant error[1] and issue which are continuously affecting the student's carrier which leads to mental pressure on the fresher candidates. These manual labor makes the system costly and extremely inefficient.

Our platform provides the easy and simple interface for all manner of candidate's details. This system is much important for student future career and it also manages their academic information regarding marks, scores, percentage and resumes. In current system/platform all the work is done by the human that's is why it make the process very slow and time consuming and inefficient. Different problems arises such as sorting and searching

the records and files[5]. The records are stored in the paper hence the sorting issue is arises as well as due to records are stored [4] in the paper hence the searching issue also arises. Due to these serious issues the updating was very ambiguous. Due to above these serious issues the students were facing problem [8]regarding getting the information of placement and training on time hence result into miss the opportunity.

As the student is steadily increase the current manual system collapse but this suggested work in online mode and doesn't affected by the traffic. Our system sequentially arranges the student records in the hierarchically order. It kept all the details of students regrading personnel, educational qualification and academic are included in the records[3]. Student can able to check the eligibility criteria for all the companies. The physical work takes much time to verify the details of registered students and users. Further the information is verified and validate by the administrator.

The admin keep track all the student details such as CGPA, academic details, attendance etc. This project provides the better way for the faculties and user to make the job event less complicated and more productive. The primary work of admin to provide better straightforward interface.

III. PROPOSED METHODOLOGY

A. STUDENT MODULE

once the student is login then he can create and login in their profile. If the user or student is fresh or new then he have to Sign-up first then he/she will able to get inside dashboard. Student can edit their personnel details as well such as basic information regarding username, academic details and educational details etc. in student module section they will come to known upcoming companies via notification and after that student can able to apply for the companies through link in the job/event section.

B. ADMIN MODULE

Admin is creator or administrator of the system. Admin can able to change the details of student and CRs. He can upload the required materials for the students. Admin can contact with placement cell, student and college administrators. Admin role is to manage the all the CRs of colleges.

C. SIGN-UP MODULE

It is the index module. This module help the students and CRs to login in the platform. If the candidate is new then he/she have to fill the new-user-form-details and candidate is already registered then he/she have to login with the email-id and password.

D. JOBS/EVENT MODULE

In this module the CRs has a authority to upload the material for the student regarding the placement drive. He can upload the registration link of upcoming companies.

IV. DETAILS OF THE DATABASE

For storing and fetching the data from the database using the MongoDB compass. MongoDB is a document-oriented NoSQL database used for high volume data storage. Instead of using tables and rows as in the traditional relational databases, MongoDB makes use of collections and documents. Documents consist of key-value pairs which are the basic unit of data in MongoDB. Collections contain sets of documents and function which is the equivalent of relational database tables. MongoDB is a database which came into light around the mid-2000s.

Compass itself is an advantage and a reason to use MongoDB. That being said, Compass comprises amazing features that make it more likely to be implemented for production uses.

V. STEPS FOR IMPLEMENTATION

Here, we'll go into the specifics of how they were applied to the task.

- A. We will start the XAMPP control panel software. After that we will initiate the My sql and Apache.

- B. We will run the database file in the visual studio 2022.
- C. We will gather the data from the friends and colleges. For real-time testing, we also gathered data from our friends and colleagues.

VI. ARCHITECTURE

In this student or user will login via password and email-id and apply for the offline and online placement drive.

LOGIN FIGURE:

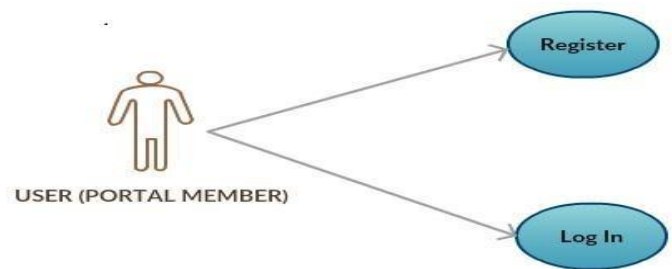
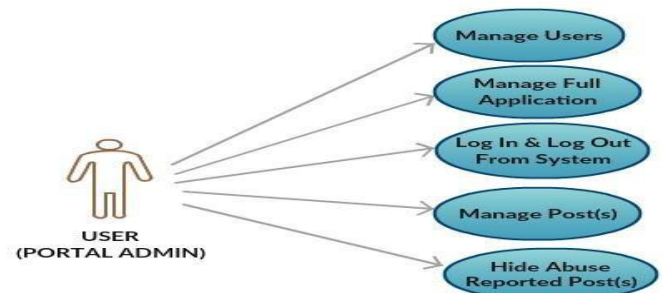
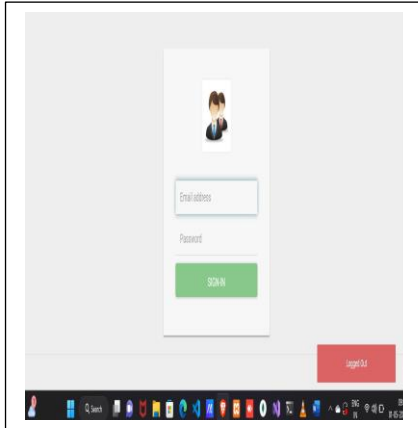


FIGURE FOR ADMIN:



VII. RESULT AND CONCLUSION

SIGN-UP PAGE: following screenshot shows the current process of purposed system



Using login page we will login into the account using login-credential.

If the question is about accuracy and efficiency then this system is accurate and secure. It manages the information correctly, provides much comfort to the students and college administration to ensure each candidate secures a valid job. Our system works in efficiently capturing the user input and provide validated mapped output result. Admin has authority to see the companies in which the students have applied before. We feel that this project will help the student to achieve their goal and better exposure. Hence concluding it to have excellent future scope.

VIII. FUTURE SCOPES

As for the future scope the work, this project is versatile and platform independent. We have design our platform very user friendly. With our project training and placement cell's time will be saved. This platform is enough user friendly that even a person with minimum knowledge can use it.

A. New version of admin module

New version of admin module will be updated and this will help to continuous flow of records to the database.

B. Chat box feature will be added in future

This feature will help to fill the gap of communication between student and placement cell. This feature will help the student to get connected with new updates from the placement cell as well as companies.

C. Conducting mock test

This feature will help the student to crack the placement exam of different companies.

REFERENCES

- [1] G. Kumar -"Training Placement Activities in Context with Industry Institute Interaction", International Journal of Emerging Research in Management & Technology ISSN: 2278-9359, Volume- 4, Issue11 2015.
- [2] R. B. Geeta S. R. Bharamagoudar and S. G. Totad-- "Web based student information management system" International Journal of Advanced Research in Computer and Communication Engineering, vol. 2, issue 6, pp. 2342-2348, 2013.
- [3] Asst. Prof. S.S. Pophale, Anil Todmal, Suraj Trimukhe ,Monali Gite, , Kanchan Pote, "Online Training and Placement System(IRJET)" Department of Information Technology, D.V.V.P.C.O.E.A. ,Ahmednagar, Maharashtra, India, International Journal of Advanced Research in Computer Science and Software Engineering, Volume 7, Issue4, April 2017.
- [4] Aishwarya r, Mythili m, Sandhiya, Shenbagam p "e-placement management" international journal of pure and applied mathematics volume 119 no. 10 2018, 1823-1834.
- [5] Preethi Miriyala, Sofia Tasneem and Cmak Zeelan Basha "Enhanced Technique for Placement Monitoring using ServiceNow Portal" International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-1, November 2019.
- [6] Prof. Sagar Tete, Simran Dhoke, Mrunal Lambat, Aparna Chahande, and Mrunali Mehar-- "Campus Recruitment Management (Online)System" IJARIE-ISSN(O)- 2395-4396 Vol- 7 Issue-3 2021.
- [7] Ranjini. V, Anubala.R, Anjali, Jeyalakshmi.PR, and Sri Mathura devi. G "Web Based Placement Management System", International Journal of Computer Science and he Information Technologies, Vol. 7 (2), 760-763, 2016.
- [8] J. Hemalatha, S. Karishma, Retheesh D, K. Anand and R. Logeswari "Application for Training and Placement Cell" International Journal of Pure and Applied Mathematics Volume 119 No. 15 2018, 2013-2020.