Collaborative Interaction Approach through Alumni Smart Connect

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ABSTRACT

At present, there is a job-crisis and it's very hard to find jobs for new students. Even though students have good talent, they are not able to find the right job. Some students are employed, but not at the place where they really should be. So, this Student Alumni application (Alumni Smart Connect) helps the employees and new students to find job vacancies appropriately online. After that alumni students can send job openings to their organization or other openings that reach out to them to look at their profile from and contact if they expect those students to be suitable for particular vacancy. So, hidden talent can be come out. In this android application job there will be a direct interaction between the alumni and the students to find the jobs in related to their job preferences. Most of the time students depend on the job portals and mobile applications for finding the jobs. This is a novel way to get jobs from seniors or their faculty members. There are three roles in the project they are student, alumni and admin for the app. Admin has more functionalities and rights to approve student or alumni, whereas he has the power to remove them. Admin can post jobs, remove jobs if he finds them as improper. Alumni can post the job, view the jobs, but he can't edit any student or admin .Student can edit his profile and he can view jobs.

Keywords: Android, Collaborative Interaction, Job, Alumni, Student.

1. INTRODUCTION

Android is an open-source mobile operating system based on a revamped version of linux kernel originally it was produced by android Inc, next purchased and released by Google. This is the most adapted operating system for mobile phones. Android will act as a great platform for developers to develop their applications utilizing various tools and deploy them in play stores [2].

The Alumni android application can manage the data of alumni and student who are looking for the right selection of spaces in their current organization or open in any of their known organizations. This app will be very useful for students pursuing their final year qualifications and student completed courses. The effectiveness of the program focuses on helping students with the work.

In this application there will be direct communication between alumni and students to find activities related to their passion for the profession. Most of the time students rely on job titles and job applications. This is a novel way to get jobs from elders or their faculty members.

A registration form is provided where alumni can enter company information such as company location / type of job / job status / student qualification. This data once entered can be edited / deleted as needed. The details of the alumni and the student can be reviewed by the administrator and the necessary modifications can be made by the app administrator easily. Duplicate usernames will not be allowed in the application for registration.

It can be used as the Office of Alumni and College Relations seeks to protect the privacy of its alumni and, therefore, tries to protect the use of the information at its fingertips. To that end, the Office of Alumni and the College Relations provide information that is only available to applicants under conditions. This program is designed for students who have previously had other seats or may have difficulty.

It identifies and resolves specific and practical needs. It helps college and general students with opportunities and jobs. Once a student has graduated from the institution, his professional life or career begins, higher education plays an important role in establishing himself in this profession.

As for the College, it is our experience that from the beginning, alumni maintain a personal connection with the institution, rather than through the Alumni Association's channel. Advances in information technology have helped to create new services such as alumni web pages, list servers etc., to allow greater interaction between alumni.

Firebase has been use as a backend platform for building Web, Android, and IOS applications which consists of real-time databases, different APIs, multiple authentication types, and hosting platforms [3]. It provides classes such as Firebase Authentication and Firebase Real-time Database. sign-in set-up may be a bit difficult and time taking. Firebase provides an easy API for sign in

The main objective of this application is to provide jobs for students who are pursuing their final year degree and course completed students. This application will be most useful for those students.

2. LITERATURE SURVEY

There are different applications available to regulate college activities. Each app has its own features, its pros and cons. These programs are made based on the needs of the particular institution. Basically these apps work for one purpose and we need a variety of different workstation applications. So the thought is to provide the direct communication between the students and alumni. In [6], for development of android applications (Smart Connect), there are certain guidelines and rules to be followed which are listed in the "Mobile application development –a practical approach". For [1] students who intend to enter the job market upon graduation, alumni provide a friendly way to receive counseling and advice and to develop a professional network. the idea of this alumni application from the" Sharing Best Practices for Alumni Engagement" Finally, alumni can provide assessment data about student performance at work after graduation. Alumni are one of the most important assets that can enhance the reputation of an institution [4]. This study aims to improve the communication management of alumni relationships through the mobile app" Enhancing Mentoring between Alumni and Students via Smart Alumni System" In this application there will be direct communication between alumni and students to find jobs related to their love of work. Many institutions and universities keep the information hand-in-hand with current and past students. This does not allow for efficient data management and recovery processes. Most applications are to accomplish a difficult and time-consuming task. Develops an effective design of an interactive guide to connect and interact with former students [7]-"An innovation model of alumni relationship management". This alumni application can provide the direct communication between the user and the alumni and to store the waste amount of details easily. [5]The purpose of this connection application is to provide a user-friendly mobile interface, which facilitates data storage, informs the user, and provides exceptional services. "How elders evaluate apps: A contribution to the study of smartphones and to the analysis of the usefulness and accessibility of older adults" Most of the time students rely on job titles and job placements. This is a novel way of getting jobs from alumni students through references.

3. PROPOSED ANDROID APPLICATION

A. Statement of Problem:

 It is very difficult to find and recruit old students of a particular institution and collect them using college records. Searching for a particular batch students is a time-consuming process.

1. Conventional process: In a typical alumni program it is a very difficult task because it is difficult to get the details of former students by hand. Even the storage of collected data is also a major problem because collecting and archiving data is also a major problem.

2. Changed member details cannot be updated: Although we have collected data from previous students by taking a lot of time if there is a change in their details, we will not be able to change their details.

B. Solution

Compare with a conventional process the time spent is very small, and even data can be stored safely in large quantities. Even the details of former students in large numbers can be easily obtained in a short period of time.

To overcome all the points of the statement we attend is alumni software where all member data is automatically updated by the student himself. This change will only be renewed with the proper verification of the student. Even demand for certain students is made easy by using this software. This application can provide direct communication between the student and alumni job references

4. IMPLEMENTATION

Modules: The student Alumni activity app has three modules.

1. Student
2. Alumni
3. Admin

Each of these modules is explained below in terms of their specific functions.

1.Student: The student module can be used to browse and access alumni information. The students will be able to chat via the system with the alumni, if the alumni wishes to share e – mail and mobile number this can be done through the chat. The student will have to seek the permission of the admin before posting anything on the site. Student can perform the below functionalities, where the student has to contact the admin of need to contact for any help the below are the basic functionalities that can be performed by student.

    i.   **Sign in:** Alumni can sign in to the app by providing information**.**

    ii.   **Register application:** Students can sign up for the application by providing their details.

    iii.   **Viewing members:** Students can view members registered in the app and alumni.

    iv.   **View jobs:** students can view jobs posted by other students and alumni.

    v.   **Modify profile:** Students can make the changes to his profile like changing name, skill.

    vi.   **Post job:** Student can post jobs with the admin acceptance.

    vii.   **Apply Jobs:** Students and alumni can apply jobs through links posted on the jobs which are matching to their profiles**.**

2. Alumni: The college alumnus will have access to other alumni information and will be able to view all their contact details. The alumnus may post any information they deem relevant to the site. Alumni can perform the tasks below, and should contact the need contact manager for any assistance.

    i.   **Sign in:** Alumni can sign in to the app by providing information**.**

    ii.   **Register app:** Students can register to the application by giving his/her details.

    iii.   **Change Profile:** Alumni can make changes like profile such as changing their name, profession.

iv.   **Post job:** Alumni can post jobs which are available in their organization.

 v.   **View members:** Students can view the members who are registered in the app.

vi.   **View jobs:** Students can view the jobs that are posted by other students and alumni.

3. Admin: The administrator will also be required to ensure that graduate students are converted into an alumni module. The manager will also have to check the location to make sure there is no inappropriate content. The administrator will also be notified of any complaints from users. Managers can perform the tasks below, and should contact the need contact manager for any assistance.

   i.   **Edit Tasks:** Admin can make changes like delete the student details, accept the student posted jobs**.**

  ii.   **View Jobs:** Admin can view the jobs that are posted by other students and alumni.

5. RESULTS AND OUTPUT

The following figures shows the outputs derived in the implementation.
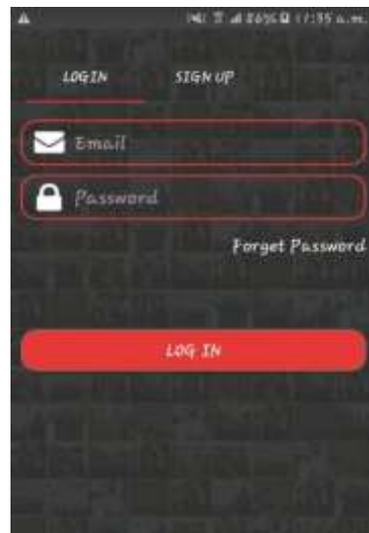

Figure 1: Sign in
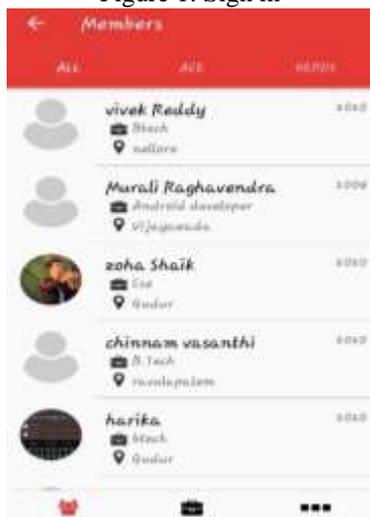

Figure 2: Register application
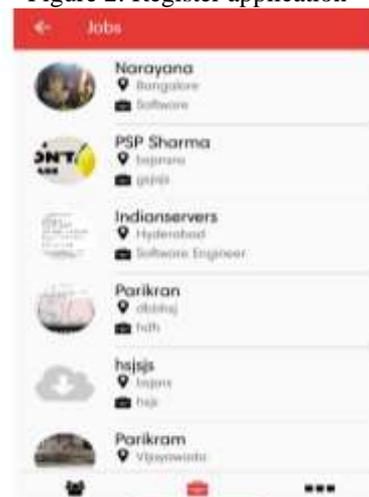

Figure 3: View members

Figure 4: View jobs

Figure 5: Modify profile

Figure 6: Post job

Figure 7: Edit tasks

Figure 8: Giving acceptance

6. CONCLUSION

In the paper of Smart Connect alumni work students benefit from college alumni. This improves students' chances of finding a job. Career openings can be used remotely and students can access them anywhere, and the administrator can inform students about their latest openings. Students can use the aluminum portal for students and corridors to create jobs. The source of opportunity is increasing. It is very easy for students to find reference from any organization directly and students may miss out on many of the opportunities listed within the company. Funding from external sources to students is increasing. Students find it very easy to find new opportunities for their career from their alumni. It is

easy for students to find reference to the internship. Opportunity sources are increasing. External funding is available from the college and alumni.

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