

ALUMNI MANAGEMENT SYSTEM USING WEB TECHNOLOGIES

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ABSTRACT

Alumni portal is providing a common platform for an institute. All advanced education establishments need to make a relationship with their graduated class. So, the main aim to develop this web-based application is that it going to possible for the former students of the college to keep in touch with each other and that will substitute the manual system of the alumni with an automated one. This allows students to know about each other and their current status. Graduated class and understudy can impart just through the administrator consent. This application will have the option to oversee graduated class information of a school and give simple access to the equivalent.

The main aim of the project is to build an interaction between alumni, admin and the students; a system that will be able to manage alumni data of a college and provide easy access to the same. The alumni will also be interested to maintain relations with their institutions. Alumni can communicate to the students regarding job opportunities and the students can share the department technology activities to the alumni. The alumni and the student can communicate only through the admin permission. A system that will be able to manage alumni data of a college and provide easy access to the system. Final year students will be initially given a student login ID. Access to the system can help them in building connections to their projects or for placements. The system will automatically list all Alumni information (name, passing year, company currently working in,) and their status will be transferred from the student module to the alumni module.

Keywords: PHP, Alumni management, XAMPP, MySQL, Alumni Management System

1. INTRODCUTION

Overall description consists of background of the entire specific requirement. It also gives explanation about actor and function which is used. It gives explanation about architecture diagram and it also gives whatwe are assumed and dependencies. It also support specific requirement and also it support functional requirement, supplementary requirement other than actor which is used. It also gives index and appendices. It also gives explanation about any doubt and queries.

Once a student graduates from the institute, his/her professional life or career begins, with higher education playing an important role in establishing himself/herself in the profession. In respect of College, it has been our experience that from the very beginning, the alumni have maintained personal contacts with one another, rather than use the channel of Alumni Association. The advancements in information technology have certainly helped in creating new resources such as alumni web pages, list servers etc., so as to permit greater interactions between the alumni.

2. LITERATURE SURVEY

The Department of Graduates Follow-up is responsible for monitoring the affairs of graduates. It is proposed to be administratively linked to the Deanship of Student Affairs, where the administration mentors the transfer of students from the academic education environment to the operational environment. The Department also monitors the graduates and learns the news of the university's keenness to maintain a permanent and strong contact with the graduates.

Graduation is the end of the relationship with the university, and try to find jobs for university graduates. One of the most important objectives of the establishment of the administration is to link the bridges of

practical life with the academy and to support continuous communication between the university and its graduate, benefiting the university and its graduates, as well as conducting research studies on academic developments in order to meet the requirements of the labor market.

The research will solve a large part of unemployment if it is used from universities in the Kingdom of Saudi Arabia and also solve a large part of the referendums on the outputs of learning where the outputs will be true and real for each university or school using a system conducted by the rules of alumni There are now more than one million unemployed, so the technology will be integrated into a database on a website so that information can be accessed in a flexible and easy way.

3. PROPOSED WORK

Proposed system will be the web-based application so alumni can access it with the help of user id's. The Proposed system is a computerized system but which is maintained at centralized databases i.e. in automated forms it's a very fast process. And maintaining all the records in online systems database which makes it very easy to access and retrieve data from the database. If they want any record they can easily search all the records. It provides multiple user accessibility and also has different user privileges. So the system is accessible for all the employees of the organization. The current most of alumni portals are for alumni only. There is no link between existing students and pass out students of college. So we trying to establish a link between pass out and existing students of college, so that there will be direct flow of information between them.

Admin have 6 modules they are Login (wx), Profile (rwx), Setting (wx), Upload(rwx), Logout(x). The faculty has 6 modules: Register (rwx), Login (wx), Profile (rwx), Setting (wx), Result(rx), Logout(x). The Student has 6 modules: Register (rwx), Login (wx), Profile (rwx), Setting (wx), Result(rx), Logout(x). The data change is given only to the admin.

There 2 roles must get authenticated by their username and password before accessing the data. The authentication system is encrypted so it cannot be understood by anyone who is involved in MIMA (Man In The Middle Attack) After completion of authentication if the authentication is valid the user gets logged in or if the authentication is not valid the user gets redirected to homepage with a prompt "Mismatch username/password". The user had a session opened with the server; now the user can access his modules.

Use Case Diagram

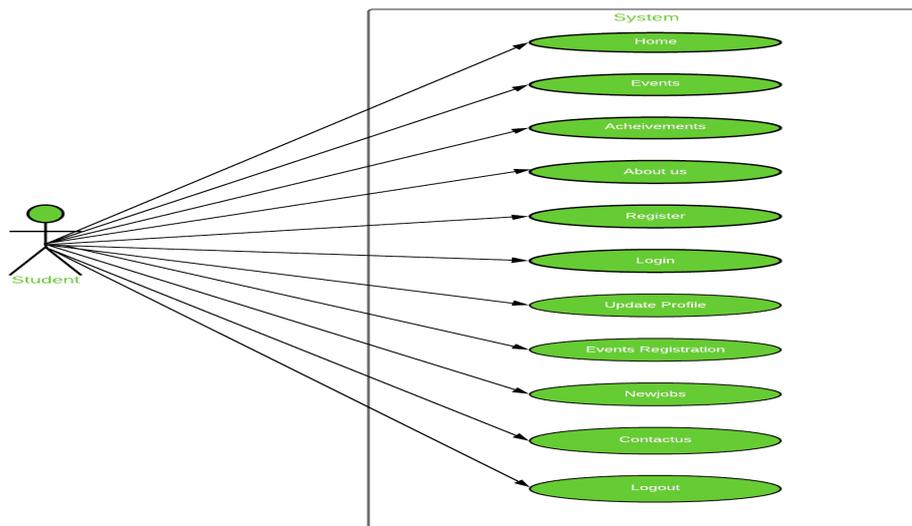
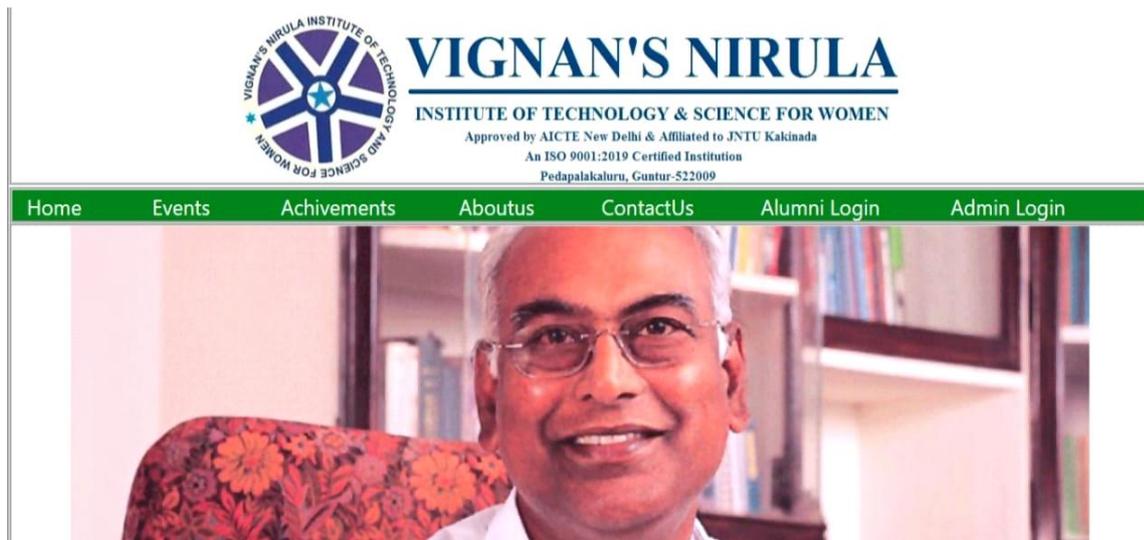


Figure: Use case diagram showing interaction between user and system

4. RESULTS

The following shows the results of our AMS which include register, login, view, Alumni Login, Admin Login options as follows:



The data of every Alumni is stored in a relational database, we used MySQL server to create the database. The records are retrieved according to the query and processed using logical gates. The database is normalized as per the requirements. The commit happens after completion of every successful transaction. If any error occurs, the rollback executes and the data will be in its previous committed state. The database is designed to maintain all the ACID properties. The database is not publicly available; it was maintained in a private subnet so that nobody can access it, only the application server can access it.

5. ANALYSIS PART

Regd Number	F_name	L_name	Batch	Branch	Company	Email	Ph_Number
17NN1A05F5	ASWINI	YARRU	2021	cse	WIPRO	aswini@gmail.com	08688141759
17NN1A05H6	SUPRIYA	YARRU	2021	CSE	HCL	supriyarahav28@gmail.com	+918688141759
17NN1A05D4	SWARAJYA LAKSHMI	GANDIKOTA	2021	CSE	Amazon	swajju@gmail.com	777777777

6. CONCLUSION

We designed and implemented the ALUMNI information system. This system will be available for general public use through the web interface. A non-registered visitor can look at the list of graduates according to year of graduation. He /She can also look at graduates profiles. By default, a public visitor can only see name and sub name of a graduate, year of graduation and a field of study. Therefore graduates can also add some information about themselves into the system during the study such as working experience, knowledge. Graduates can enable to display this information in their profiles for public visitors. It is in a graduate's competence, which information will be displayed in their profiles and will be shown to general public. Publi also includes searching pages with their crawlers. A graduate can use it for the building of his virtual web identity on internet.

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