

NEHRU ALUMNI PORTAL

Ms.S.Jothimani, M.Tech.,

Asst.prof,CSE

Jothimanicse@gmail.com

Nehru Institute of Engineering and Technology
Sruthi.R

Sruthireghu0422@gmail.com

Nehru Institute of Engineering and Technology
Saravanapriya.M

Sarvanapriya2@gmail.com

Nehru Institute of Engineering and Technology

Abstract: Nehru Alumni portal is a website created to communicate with the alumni of Nehru Institute of Engineering and Technology(NIET).Nehru Alumni portal serves as a powerful tool to communicate with those who studied in NIET. It is an online social platform which that connects old students, faculty members and other employees of the college. Nehru Alumni portal allows the students to register using their register number and access the access the data of different kinds. This gives the students more exposure to the various people who are the alumni of NIET and leads the students to gain any help in terms of their studies, career, projects etc.,.

Keywords: Alumni, NIET.

INTRODUCTION

Nehru Alumni portal is designed as a non-profit website, for any alumni around the world belonging to NIET. The main theme of the Nehru Alumni portal is to increase interaction of sharing knowledge and even to build a network among the community of NIET alumni. This project is being worked and enhanced by students of NIET from the department of CSE. So far there is no website or any sort of online social network sites for the alumni of NIET. So, this portal will literally reduce the manual entries and maintaining of alumni records. The alumni who are registering into this website are verified using their register numbers using the college code.E Nehru Alumni portal is a simple, ad-free website and the data entered in to this site are entirely secured and no third parties including advertisers cannot access the data of alumni.

SYSTEM ANALYSIS

a) Existing system:

The existing system to communicate to the alumni are through e-mails and phone. But there are several disadvantages in communicating through e-mails and phone.

Incase if the recipient changes the mail id or phone number then it becomes a tedious process to track the user. If the mobile device of the user is lost also it is quite difficult to communicate to the alumni.

b) Proposed system:

The proposed system has many advantages over the existing system. Nehru Alumni Portal is a website in which a user can login from anywhere at anytime. One of the main advantage of Nehru Alumni Portal is that security is assured to all the data given by the alumni and the other members. The website is built using Java ,CSS, Javascript. The backend connection (Database) is established with the help of MySQL.

HARDWARE AND SOFTWARE REQUIREMENTS

Hardware:

Processor: Pentium dual core 2.3 GHz

Hard disk:250GB or higher

RAM: 1 GB

Software:

Languages used: Java, HTML,JSP,CSS.

Back end: SQL

OS: Windows XP or higher

OVERVIEW OF THE PROJECT

This website will make maintenance easier and in structured manner. And it should available in

one central place where it is easily accessible to everyone who needs it. And it must be platform independent. So an online tool has been made which satisfies all the requirements.

The task of engaging alumni is not only a matter of maintaining a list of contacts as time from graduation extends and neither is it only the responsibility of the specific alumni department.

To reshape our connection with alumni we need to consider the 'world' of a new graduate and challenge our notions of having 'done our job' once a graduate successfully completes their studies. The focus of this initiative is to enhance student employability and success by conceptualizing and designing effective and evidence based methods to actively engage alumni in a mutually beneficial relationship with the university.

The foundation for such engagement will be laid through exploration of graduate perceptions and the process of continuing graduate identity formation envisaged as an extension of the self-management capabilities outlined in Lizzio's student lifecycle framework (Lizzio, 2011).

LITERATURE SURVEY:

KIOT Alumni Web Portal Management and Maintenance System Using PHP(Aug -2015) by Mr.S.S.Aravinth, Mrs.A.Priyadharshini, Ms.S.Sowmya, Mr.E.Arun, Mr.B.Balaji Assistant Professor, CSE Department – CSE Knowledge Institute of Technology, Salem

Alumni Smart Connect through Android Application(IJTRD-2016) by P.Aruna, M.Sharmila Begum and D.Maghes Kumar Assistant Professor, Dept. of Software Engineering, Periyar Maniammai University, TamilNadu, India.

Detailed Project Report on Alumni Mentorship Program(2009) by Team PoWER Promotion of Work Experience and Research

Re-visioning alumni relationships to improve graduate employability Student Alumni Interaction Cell, (SAIC)(2016) .

MODULES

- Alumni registration
- Alumni Interaction

- Jobs corner
- Events
- Newsletters and e-mails

Users of different kind are allowed to interact among themselves and also with users from different sub-groups in order to achieve common objectives or mutually beneficial tasks. It has been shown that proposed Smart Alumni System can benefit from data mining principles in order to provide an enriched experience and interactive functionalities to users of the system.

Nowadays, there are many third party online systems that host alumni systems. The social networks such as Facebook, Twitter, LinkedIn of which most of the students use, may have an open user approach where anyone can join and co-opt the online activities of the alumni. Third party sites are playing an important role in alumni.

1) Alumni registration:

This is the first phase of the project. Alumni registration module allows a user to register into the website and to sign in into the portal.

This module is developed to create user interface to get basic registration details of user into the system. The module allows the user to create an account before enter the personal information. The account creation process is very simple and easy to use.

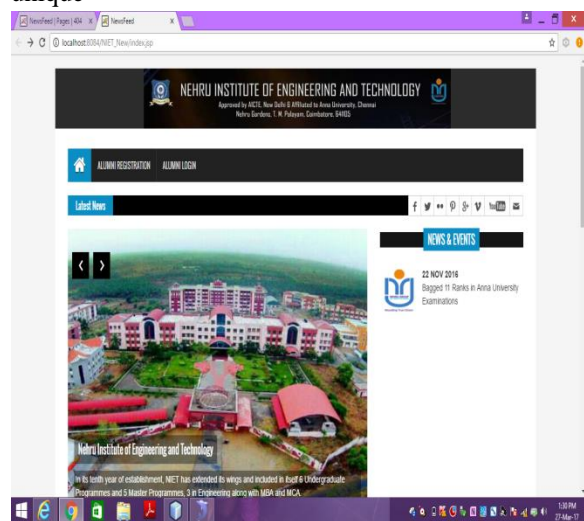
This module with sign up option, gives information about the username, password, e-Mail id, phone number, department, address etc.

Once the new user sign up by creating a new account then he/she can login from anywhere at anytime. Only the alumni of the college can sign up sign in into the website, so security is not relaxed.

Register number is used as authentication in the website, so only if the college code is matched to the college then only the new user can be a member of the website, so fake accounts will be neglected.

A new user can have only one account since register numbers are

unique



2) Alumni Interaction:

This module provides an opportunity for the current students to interact with and learn from alumni.

The alumni of the college will be working in various professions and they can be of great knowledge to the students as source person.

The student he/ she can update himself about the current trends in the corporate. Maintains personal and professional details of alumni.

Academic and non academic details of student will be stored in the database so the maintenance of bulk amount of papers will be reduced.

3) Jobs Corner:

The current pursuing students can refer to the employees of various reputed and highly paying companies.

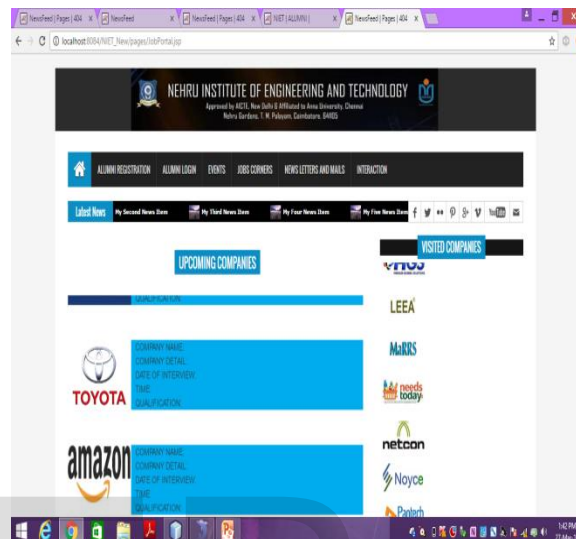
The students will get a new level of exposure to the expectations of corporate companies as they can refer to their alumni working in different organizations.

The standard of the college will be increased as they have their alumni in top companies.

The students will get offers for internships from many companies with the help of alumni so that

student projects will have a great value among all other colleges.

The students will come to know what are the job opportunities available from the college side and also from the alumni side.

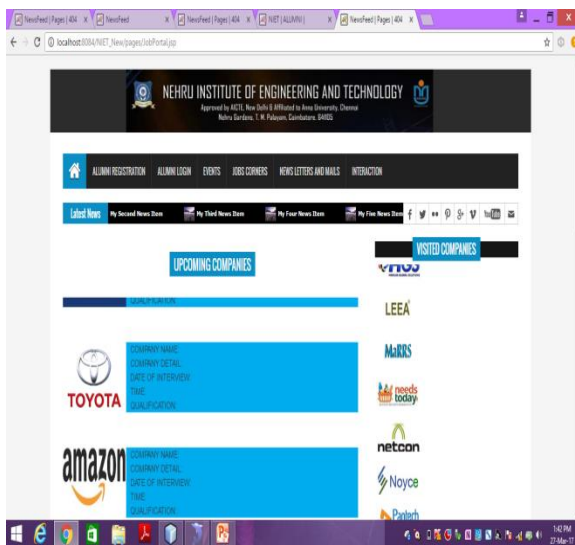


4) Events:

This Calendar which tells about the value-added course in various streams, Department club activities and celebrations like Avatar, college day, sports day, onam, pongal day festival etc.,

Not only these events, also the various department events and department symposium details will be scrolling as a news feed.

If the alumni is conducting any job fairs or any camps like blood donation camp, social service camp will also be scrolling in the event calendar.

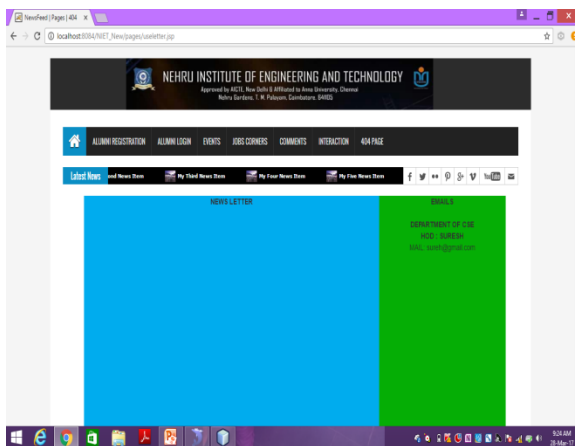


5) Newsletters and E-mails:

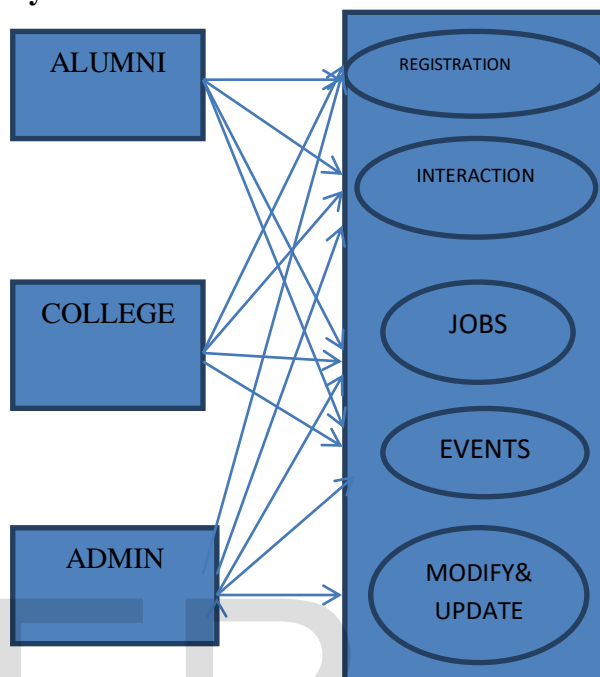
This module communicate with the alumni through e-Newsletter and e-Mails so every information will be accurately passed to 90% of the alumni.

Producing and posting a newsletter will be greatly useful for the students who want to be a part of NGI and their parents will come to know very well about the institutions.

E-mails of the Principal, various Heads of the departments, Faculty members and other staff members will be displayed and this will be of great use to all the alumni and current pursuing students in case if they have any queries or if they need any kind of data or information.



System architecture:



Technologies used:

HTML:

HTML is a hypertext markup language which is in reality a backbone of any website. Every website can't be structured without the knowledge of html. If we make our web page only with the help of html, than we can't add many of the effective features in a web page, for making a web page more effective we use various platforms such as CSS. So here we are using this language to make our web pages more effective as well as efficient. And to make our web pages dynamic we are using Java script.

CSS:

CSS Stands for "Cascading Style Sheet." Cascading style sheets are used to format the layout of Web pages. They can be used to define text styles, table sizes, and other aspects of Web pages that previously could only be defined in a page's HTML. The basic purpose of CSS is to separate the content of a web document (written in any markup language) from its presentation (that is written using Cascading Style Sheets). There are lots of benefits that one can

extract through CSS like improved content accessibility, better flexibility and moreover, CSS gives a level of control over various presentation characteristics of the document. It also helps in reducing the complexity and helps in saving overall presentation time. CSS gives the option of selecting various style schemes and rules according to the requirements and it also allows the same HTML document to be presented in more than one varying style.

JavaScript :

JavaScript is considered to be one of the most famous scripting languages of all time. JavaScript, by definition, is a Scripting Language of the World Wide Web. The main usage of JavaScript is to add various Web functionalities, Web form validations, browser detections, creation of cookies and so on. JavaScript is one of the most popular scripting languages and that is why it is supported by almost all web browsers available today like Firefox.

It is often used for the development of client-side web development. JavaScript is used to make web pages more interactive and dynamic. JavaScript is a light weight programming language and it is embedded directly into the HTML code. JavaScript, as the name suggests, was influenced by many languages, especially Java.

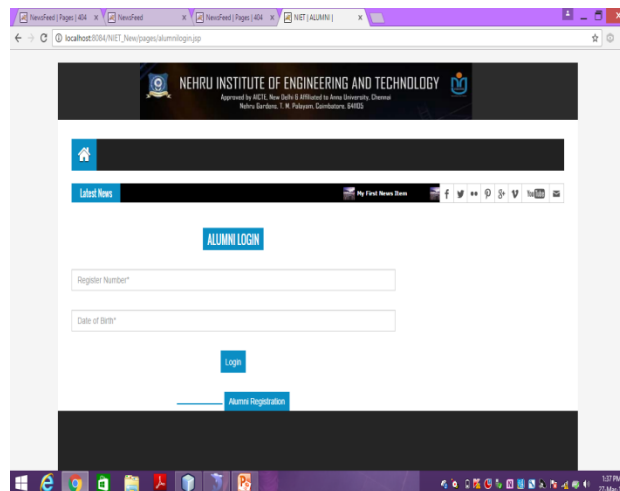
SQL:

SQL stands for Structured Query Language. SQL lets us access and manipulate databases. SQL is an ANSI (American National Standards Institute) standard. SQL can execute queries against a database, retrieve data from a database, insert records in a database, update records in a database, delete records from a database, create new databases, create new tables in a database, create stored procedures in a database, create views in a database, set permissions on tables, procedures, and views.

RESULTS

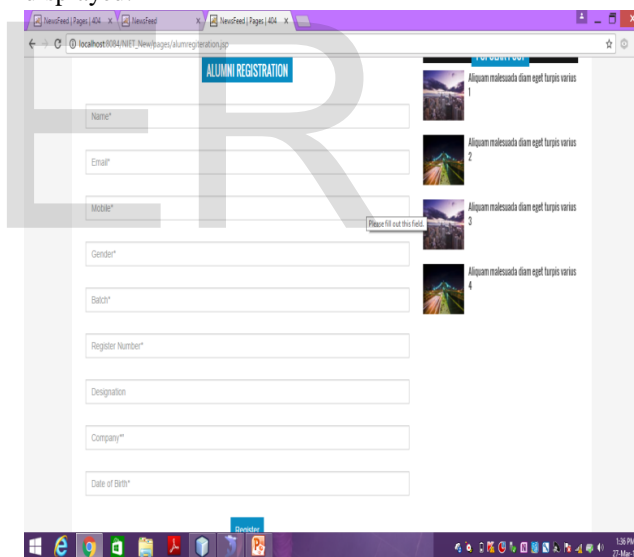
Login Form:

The system starts with login page where the registered user can enter user name and password to be able to access the system.



Registration form:

The registration form which contains details of student information during registration phase is displayed.



FUTURE ENHANCEMENTS

Additional modules such as video streaming, on line seminar talk to the fellow students in the institution will be our future motivation to be included in the website. Such features will be implemented in the future version release of the website.

CONCLUSION

The project NEHRU ALUMNI PORTAL is designed to reduce the burden of maintaining bulk of records for both the alumni and college. Inserting, retrieving and updating the details is easy when compared to manual feedback and storing. Maintaining the projects is also easy and it is easily understandable.

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