

# Edu-Smart As College Search Engine

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**Abstract-** This paper is aimed at developing a Repository and Search Engine for alumni of the college, which is of importance to a college. The Edu-Smart i.e, University search engine is an Internet based application that can be accessed throughout the World. Anyone can access the search Engine to know about any Alumni of that college but can't able to add. Alumni can only update the database when they are in the college.

This system can be used as an application for the University Search Engine to manage the college information and students information. Student logging should be able to upload the information of the employee.

**Keywords-** Alumni, Database, Usecase, Admin

## I. INTRODUCTION

This system can be used as an application for University Search Engine to manage the information and students information. The system is an online application that can be accessed throughout the organization and outside customers as well with proper login provided, which will give better service to the customers.

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 what we are assumed and dependencies. It also support specific requirement and also it supports 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.

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. The College Alumni Association has been quite active in this respect and has revived the interest among the Alumni to remain in touch.

## II. SYSTEM ANALYSIS

### i. Existing System

The Existing system is a computerized system but which is maintained at individual databases i.e in excel sheets, it's a time delay process. And maintaining all the records in Excel sheets is difficult. If they want any record they has to search all the records. It doesn't provide multiple user accessibility and also doesn't have different user privileges. So the system is not accessible for all the employees of the organization.

### ii. Limitations in Existing System

- The current system is not completely complete computerized and manual system in entering students and staff data and handling it.
- There is no centralized maintenance.
- There is no easy access to the particular students record.
- The student cannot easily navigate through Database

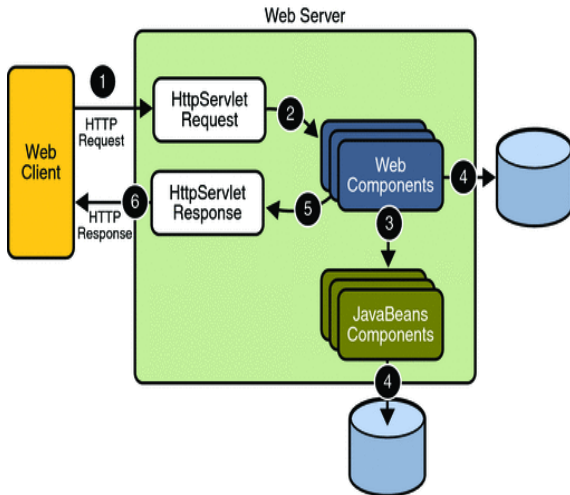
### iii. Proposed System

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.

### iv. Advantages over Existing System

- It is completely automated system in handling the college database.
- This system provides centralized database maintenance.
- This system provides easy access to the particular students account or his complete details.

**III. SYSTEM ARCHITECTURE**



**IV. MODULATION**

**i. Student**

- User can Register to Alumni.
- Students can login to the system.
- Update the Profile.
- Students can see all students information in the alumni.
- They can see the events details.
- They can also send messages to their friends.
- Students also can see the campus interview details.

**ii. Admin users**

- Has full access to all the modules of this system.
- Responsible for the accounts of all students.
- Update, modify or delete event details.
- Update, modify or delete campus interviews details.
- Prepares and submits also Daily reports, user reports, event reports, etc.

**iii. Reports**

- All frequently used reports at the click of a button.
- All reports can be previewed, printed, exported to Excel/Word etc., or can be faxed or emailed.

**iv. Normal users**

- Has restricted access. i.e., Normal users have access to some of the modules only i.e. user can search the list of all their friends.
- They cannot send messages to their batch mates.

**v. User Interface**

- Soothing Graphical User Interface with Context Sensitive Help.
- Totally Menu Driven, with Keyboard Shortcuts for frequently used forms.

All reports for specified period selected using calendar.

**IV. AUTHENTICATION**

**Functional Description**

- a) Login to the system through the first page of the application.
- b) Change the password after login to the application.
- c) See his/her details and change it.
- d) Help from the system.

**V. MAINTENANCE**

**Functional Description**

Following is a list of functionalities of the system. More functionality that you find appropriate can be added to this list.

And, in places where the description of functionality is not adequate, you can make appropriate assumptions and proceed. A person should be able to ,

Click on a button or link to be taken to the specific application. The first page of the application should provide the user (student only) with the options of saving his/her details in the database and searching for alumni.

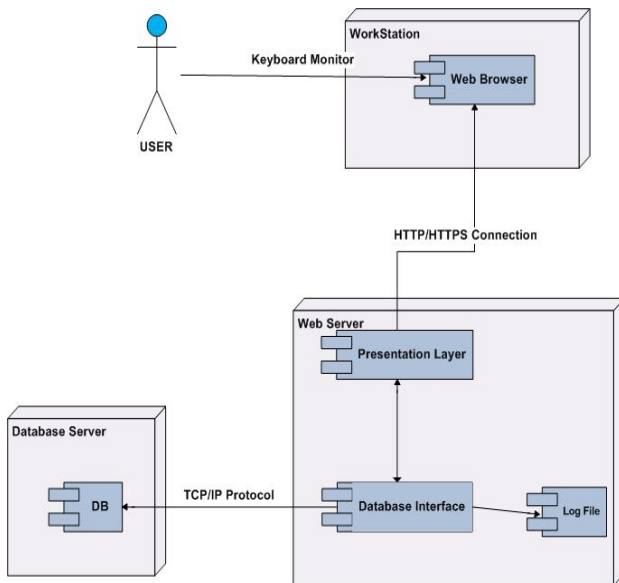
The page through which the student enter his/her details should allow saving of user details like name, year of passing, roll number, contact number, present address, permanent address, etc. This page will be having 2 buttons Save and Cancel.

The save page should have proper validation before allowing the user to save user details into the database. The

cancel button should take the user back to the home page (first page).

The search page should allow search on the basis of name of the user or roll number. Partial search should be allowed.

## V. DEPLOYMENT DIAGRAM



## VI. CONCLUSION

This project aims to build a system that will enable a user to access faculty profiles, courses and publications of various universities. This will enable easy sharing of information amongst scholars from different universities.

The system will also have a messaging feature which will enable users to chat with other users or faculty of universities easily. The feature for searching courses can be accessed even without a user ID. Publications from universities can be viewed on the system or copies can be purchased using the system. The system will also enable users to send messages to the authors for discussion of research proposals. The system will automatically update itself when changes are made in any university's website.

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