Application for Integrated University Management System

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Abstract - This project is aimed at developing a Repository and Search Engine for Student of the college, which is of importance to a college. The Repository and Search Engine is an Internet based application that can be accessed throughout the World. Anyone can access the search Engine to know about any Student of that college but can't able to add.

This system can be used as an application for the Repository and Search Engine for University to manage the college information and student's information.

1. INTRODUCTION

Scope

This system can be used as the Office of Student and College Relations seeks to protect the privacy of its University and friends, the use of . To that end, the Office of Student and College Relations provides constituent information to requestors only under the conditions.

Overview

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 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 Student Association.

The advancements in information technology have certainly helped in creating new resources such as University web pages, list servers etc., so as to permit greater interactions between the Universities. The College Student Association has been quite active in this respect and has revived the interest among the University to remain in touch.

2. OVERVIEW OF THESYSTEM

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 users of the organization.

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 database maintenance
- There is no easy access to the particular students record
- The student cannot easily navigate through the database

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.

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
- This system provides student to easily navigate through the application for more information in a most secure manner.

No of Modules:
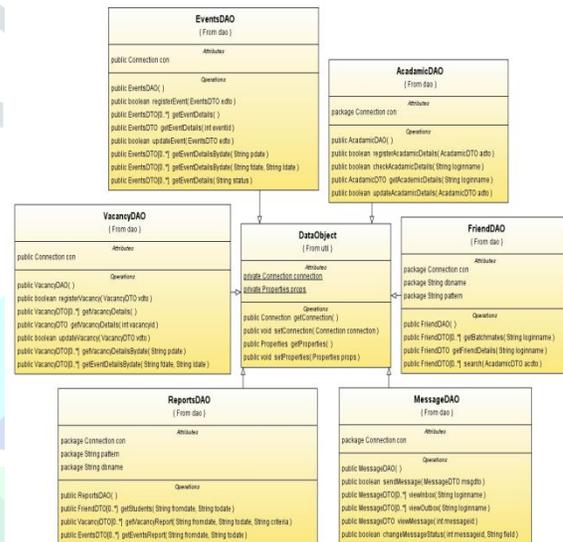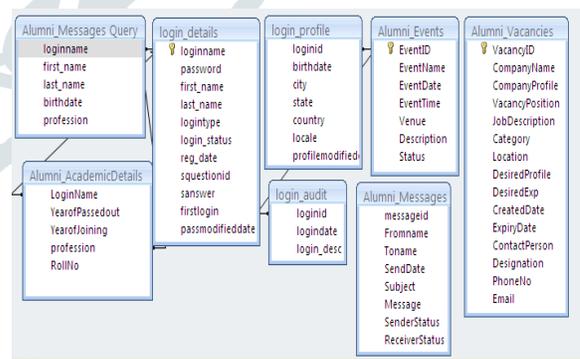
The system after careful analysis has been identified to be presented with the following modules:

The Modules involved are

1. Admin Module

2. user Module

3. Security and Authentication Module

4. Report

5. search

3.SYSTEM DESIGN

Fig 3.1: ClassDiagram

Fig 3.2: ER Diagram

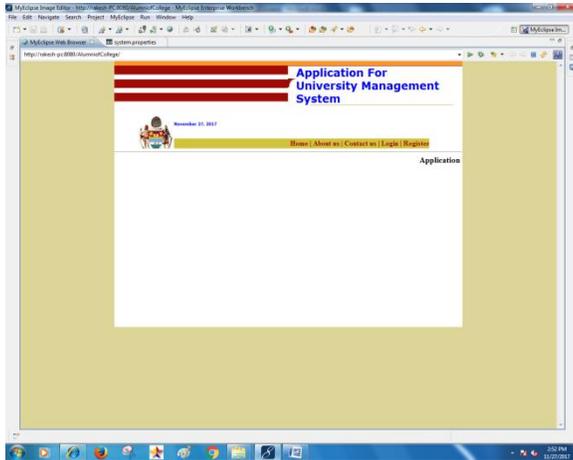## 4. OUTPUT SCREEN SHOTS

Fig 4.1:Home Page

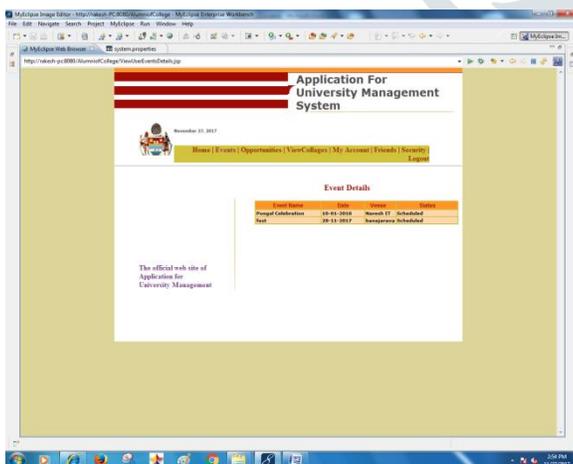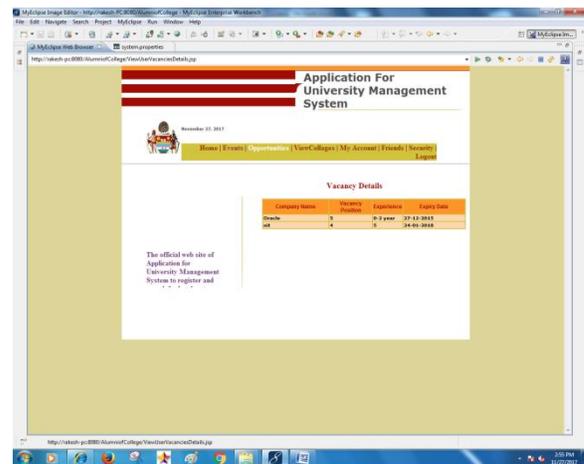Fig4.2: Login Form Page

Fig 4.3: User Events Page

Fig 4.4: View User Vacancies Page

5. CONCLUSION AND FUTURE ENHANCEMENT

It has been a great pleasure for me to work on this exciting and challenging Online application for the **Application For University Management System**project.It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

BENEFITS:

The project is identified by the merits of the system offered to the user. The merits of this project are as follows

- It's a web-enabled project.
- This project offers user to enter the data through simple and interactive forms. This is very helpful for the client to enter the desired information through so much simplicity.
- The user is mainly more concerned about the validity of the data, whatever he is entering. There are checks on every stages of any new creation, data entry or updating so that the user cannot enter the invalid data, which can create problems at later date.
- Sometimes the user finds in the later stages of using project that he needs to update some of the information that he entered earlier. There

are options for him by which he can update the records. Moreover there is restriction for his that he cannot change the primary data field. This keeps the validity of the data to longer extent.

- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can sat that the project is user friendly which is one of the primary concerns of any good project.
- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

LIMITATIONS:

The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.
Training for simple computer operations is necessary for the users working on the system.

6. REFERENCES

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P.SRINIVASA REDDY is working as Associate Professor in SVKP & Dr K S Raju Arts & Science College, Penugonda, A.P. He received master's degree in Computer Applications from Andhra University. His research interests include Operations research, probability and statistics, Design and Analysis of Algorithm, and Big Data Analytics.