REPOSITORY AND SEARCH ENGINE FOR ALUMNI OF COLLEGE (RASE)

Submitted by

Rimold Rynold

Python Batch 120

Abstract

This project is aimed at developing a Repository and each Engine for alumni 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 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 Repository and Search Engine for Alumni to manage the college information and students information. Student logging should be able to upload the information of the e employee.

Purpose

This project is aimed at developing the Automobile Store and Service Centre. 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.

Scope

This system can be used as the Office of Alumni and College Relations seeks to protect the privacy of its alumni and friends, and thus, endeavors to safeguard the use of information in its custody. To that end, the Office of Alumni 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 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. The College Alumni Association has been quite active in this respect and has revived the interest among the Alumni to remain in touch.

System Design

Authentication

Functional Description

1. Login to the system through the first page of the application.
2. Change the password after login to the application.
3. See his/her details and change it.Help from the system.

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.

General Operations:

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

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.

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

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

User Interface:

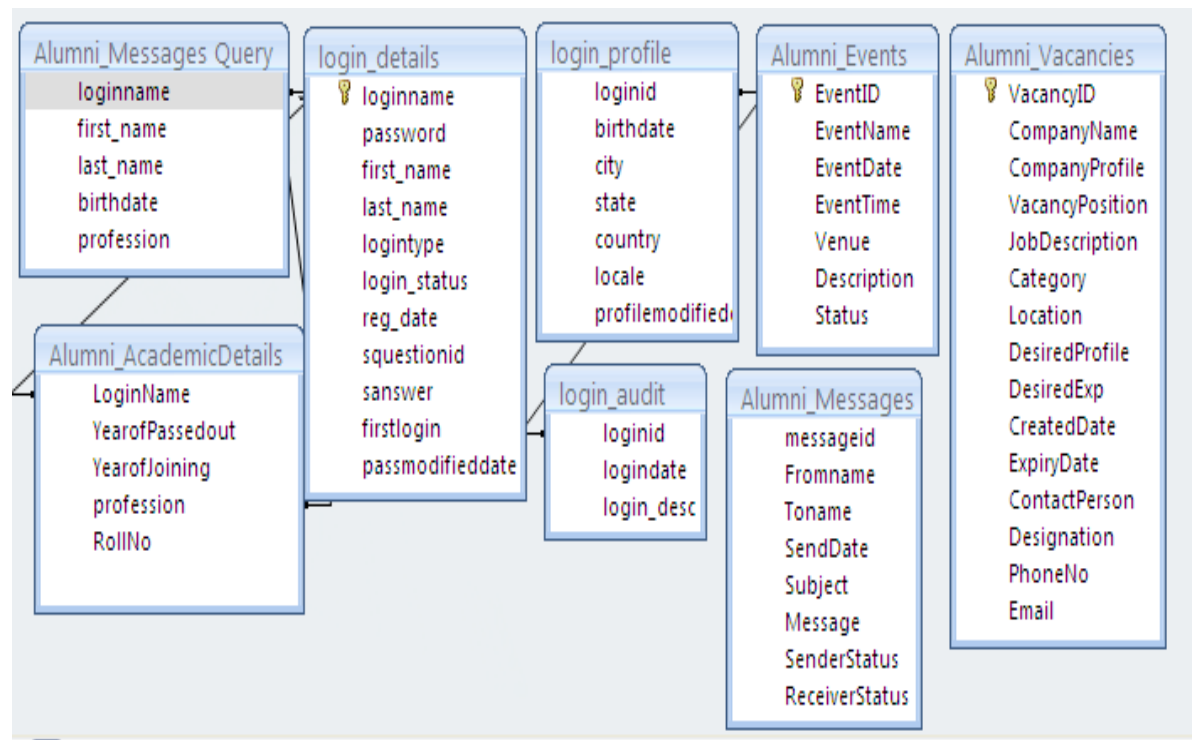Soothing Graphical User Interface with Context Sensitive Help

Totally Menu Driven, with Keyboard Shortcuts for frequently used forms

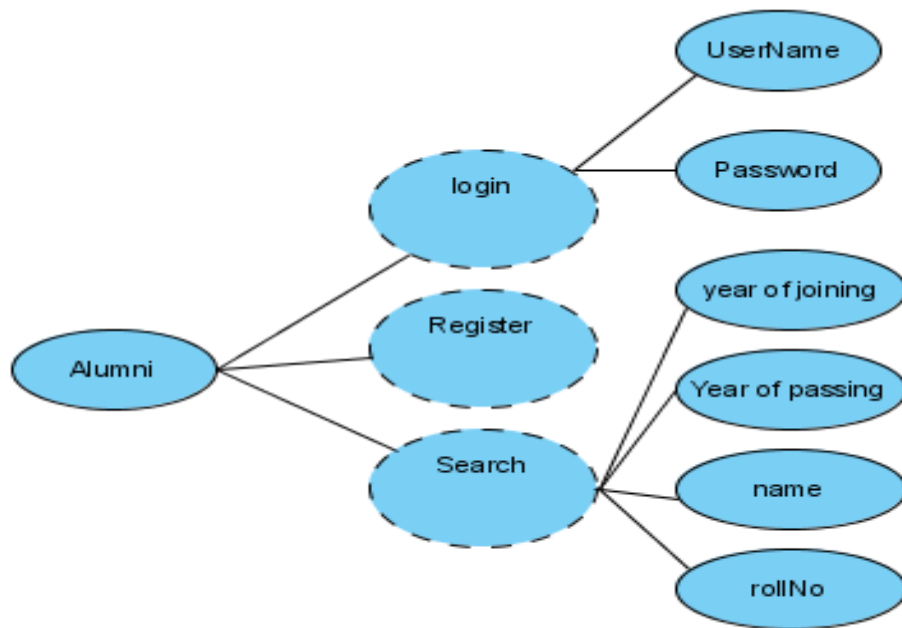All reports for specified period selected using calendar

Functions

- ✓ Admin Users
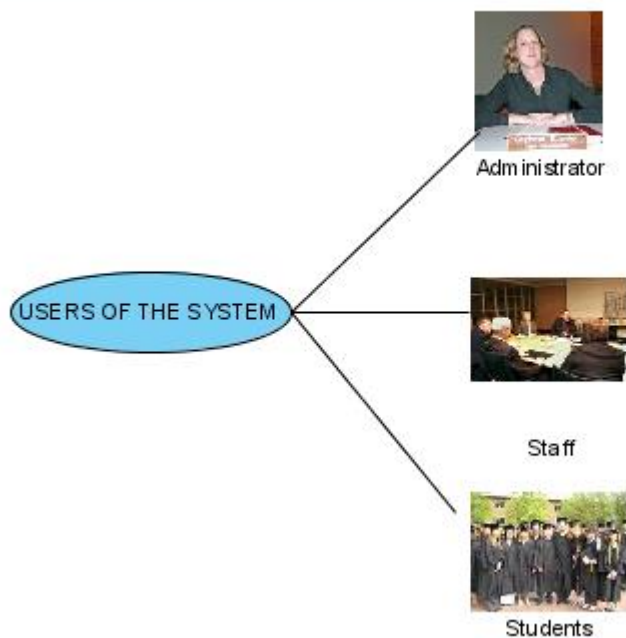- ✓ Student
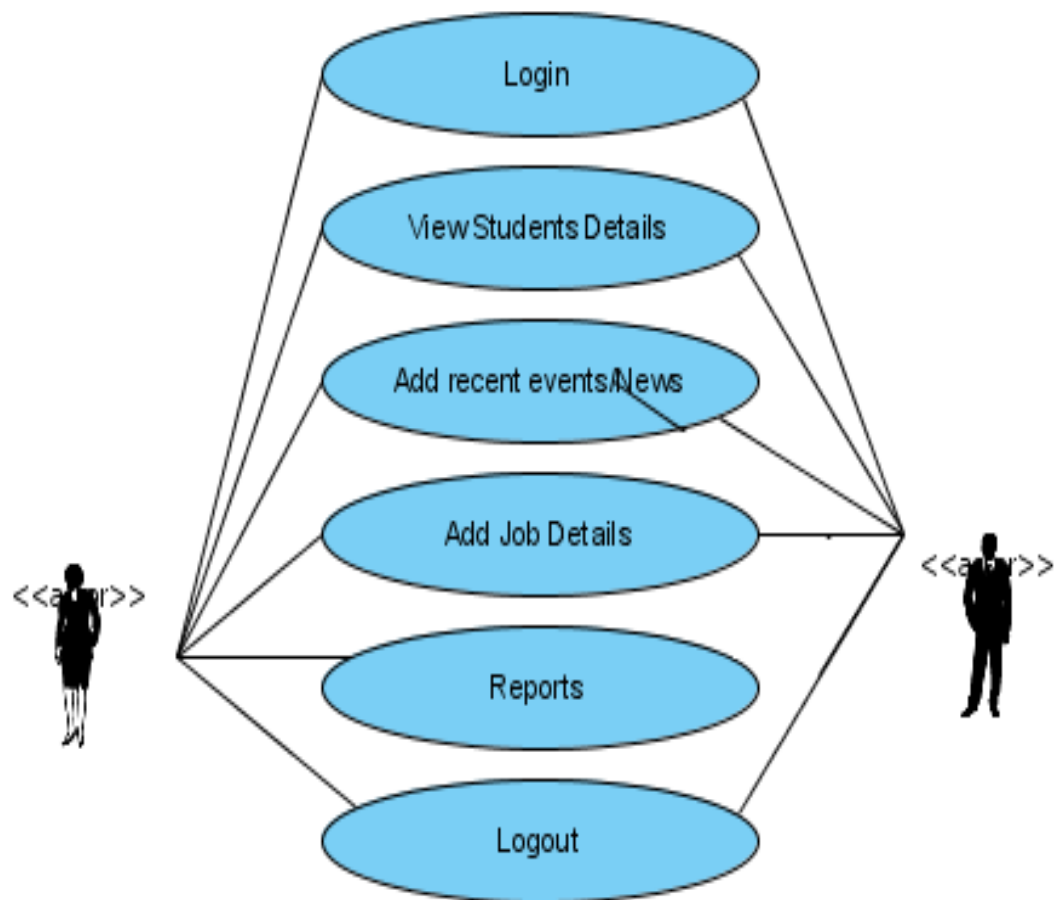- ✓ User Interface
- ✓ Normal Users
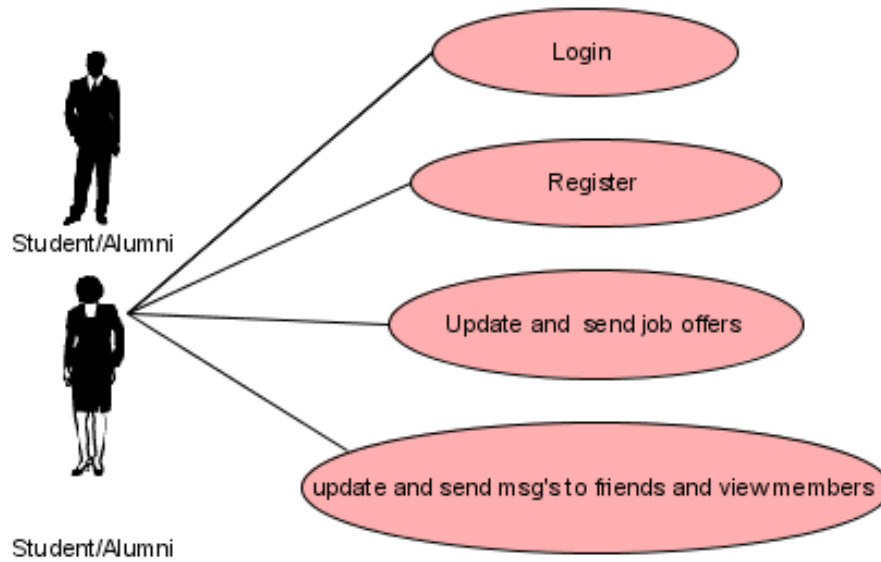- ✓ Reports

E - R Diagrams
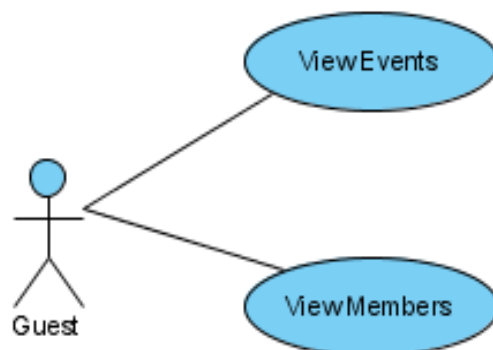
Use-case Diagram
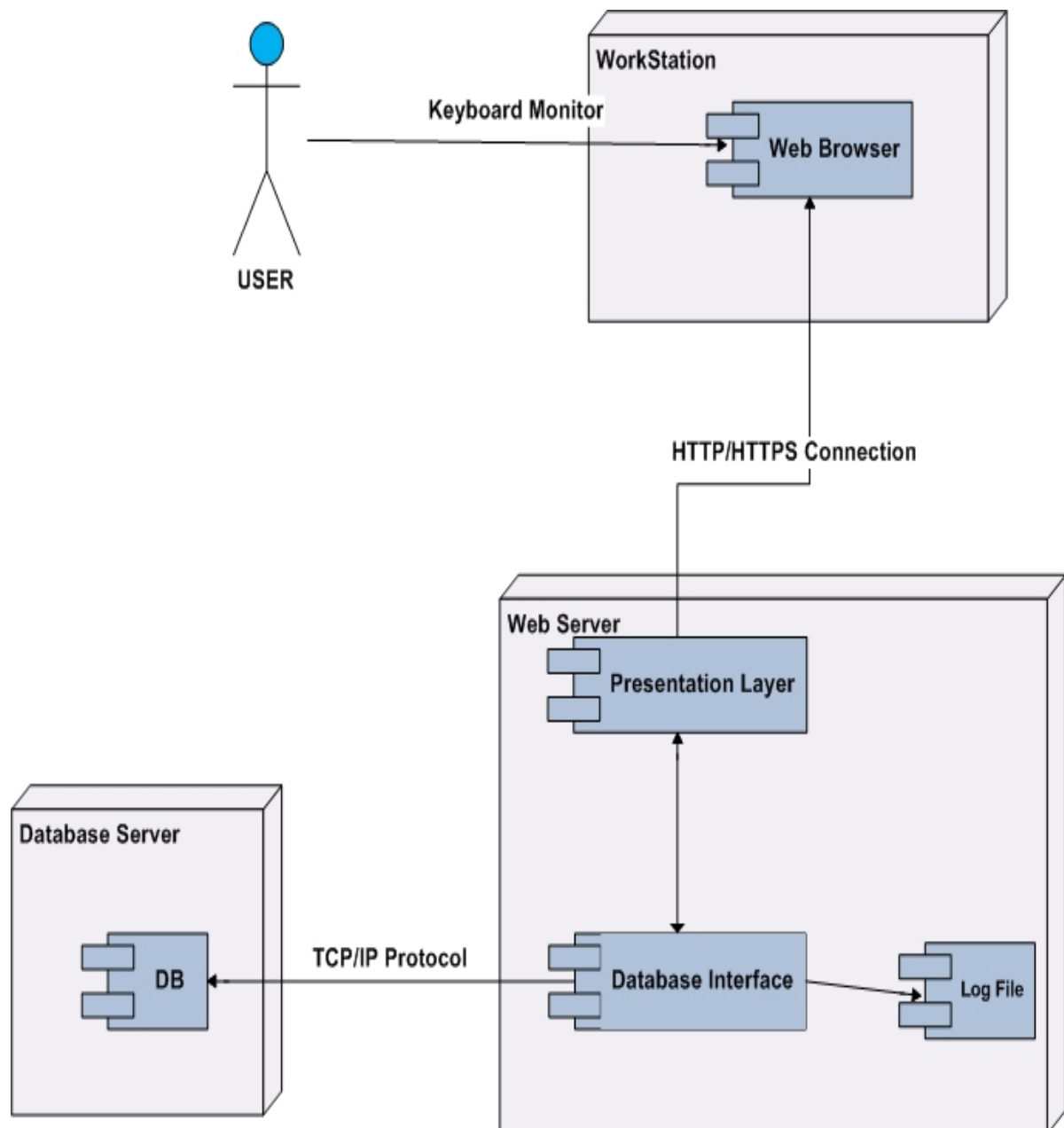

USERS OF THE SYSTEM

Administrator Use Case

Student/Alumni UseCase

Student/Alumni

Student/Alumni

Login

Register

Update and send job offers

update and send msg's to friends and view members

Guest UseCase

ViewEvents

ViewMembers

Guest

Deployment Diagram

Data Dictionary

AlumniAcademicDetails:

ColumnName	DataType	Size
LoginName	text	255
YearofPassdout	number	10
YearofJoining	number	10
profession	text	255
RollNo	text	255

AlumniEvents:

ColumnName	DataType	Size
EventID	Number	255
EventName	text	255
EventDate	date/time	10
EventTime	text	255
Venue	text	255
Description	text	255
Status	text	255

AlumniMessages:

ColumnName	DataType	Size
messageid	number	10
Fromname	Text	255
Toname	Text	255
SendDate	date/time	10
Subject	Text	255
Message	Text	255
SenderStatus	number	10
ReceiverStatus	number	10

Alumni_Vacancies:

ColumnName	DataType	Size
VacancyID	Number	10
CompanyName	text	255
CompanyProfile	text	255
VacancyPosition	text	255
JobDescription	text	255
Category	text	255
Location	text	255
DesiredProfile	text	255
DesiredExp	text	255
CreatedDate	date/time	10

ColumnName	DataType	Size
ExpiryDate	date/time	10
ContactPerson	text	255
Designation	text	255
PhoneNo	text	255
Email	text	255

LoginProfile:

ColumnName	DataType	Size
loginid	text	255
birthdate	date/time	10
city	text	255
state	text	255
country	text	255
locale	text	255
profilemodifieddate	date/time	10

LoginAudit:

ColumnName	DataType	Size
loginid	text	255
logindate	date/time	10
login_desc	text	255

LoginDetails:

ColumnName	DataType	Size
loginname	text	255
password	text	255
first_name	text	255
last_name	text	255
logintype	text	255
login_status	number	10
reg_date	date/time	10
squestionid	text	255
sanswer	text	255
firstlogin	number	10
passmodifieddate	date/time	10

uestionbase:

ColumnName	DataType	Size
question_Id	number1	10
question_detail	text	255

ColumnName	DataType	Size