SYNOPSIS

Report on

ALUMNI MANAGEMENT SYSTEM

by

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Session:2023-2024 (III Semester)

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GHAZIABAD-201206
(2022-2023)

Introduction

The greatest asset any Institution can have been the Alumni system. Alumni are the people who represent the Institution in the real world. Alumni website is created for the students that have graduated from the Institution.

This is a web based application that allows former students to take advantage of the benefits and services that a Institution offers after graduation. The alumni network is becoming important in the development of the institution because of their vast potential that benefits both the Institution and the students. There are many benefits for being an alumni member of a college or Institution, some of these benefits are: keeping a person inform on the events that are organized by the Institution, and when some important events will be holding in the Institution. Another benefit is that information concerning a former student can easily be received and other members of the alumni community can be located without much stress. The student and alumni can communicate each other and they can get information about the events easily.

Objective

➔ 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.

➔ 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.

➔ Alumni, students can have information about the events related to them.

➔ A system that will be able to manage alumni data of a college and provide easy access to the system.

➔ The system will automatically list all Alumni information their graduation and their status will be transferred from the student module to the alumni module.

Tools/Platform Specifications

HARDWARE REQUIREMENTS:

- **Laptops/desktops**
- **RAM:** 2GB RAM or higher
- **Processor:** i3 or higher
- **Hard Disk:** 1GB hard disk or higher

SOFTWARE REQUIREMENTS:

CLIENT:-

- **Forum design:** HTML (version 5)
- **Look design:** CSS (version 3.0)
- **JavaScript**
- **Bootstrap**

SERVER:-

- **Coding:** PHP (version 7.0.1)
- **Database:** MySQL(Backend)
- **Local Web Server:** Apache (version 5)

Problem Definition

Existing System

The existing system is built with numberless excel sheets that are created by each user. These sheets may be collated by an alumni organization and shared with all the alumni but this activity may not be frequent. The system is difficult to maintain on a regular process and it also have a privacy issues.

This does not allow efficient data management and retrieval process. A student willing to get information about others has to approach the college and obtain the details. Often the information may not be available and misleading.

DISADVANTAGES OF EXISTING SYSTEM

- It cannot be used frequently.

- Data can be lost.

- This system cannot maintain regularly.

- Security and privacy problem may occur.

- This is a large process to maintain all user details.

PROPOSED SYSTEM

The proposed system will be web based applications so it can be accessed by alumni and students with the help of admin. It enables quick and easy communications. Each user will be responsible for updating their own information's. Alumni will be able to organize meetings and find out about job opportunities using this system and can post them on the website so that other students can apply for them easily.

ADVANTAGE OF PROPOSED SYSTEM

- It is very easy to manage historical data in database.

- It is very easy to record the information of the colleges and about the students in the databases.

- This system is secured.

- This system provides a single point of network as they connect all the people connected to the university at a single place allowing interactions, exchange of ideas and other information.

- The system is an application for managing and accessing Alumni information regularly.

PROPOSED TIME DURATION

The time duration for implementing a Canteen Management System (CMS) based on PHP, HTML, and CSS technology stack can vary depending on various factors including the scope and complexity of the project, the size of the institution, the specific features required, and the availability of resources. Here is a general breakdown of the time duration for different stages of the implementation:

Planning and Requirement Analysis (1 weeks):

➢ This phase involves defining the project scope, identifying requirements, and creating a detailed project plan.

Design and Prototyping (1 weeks):

➢ During this phase, the system's architecture, database structure, and user interface are designed. A prototype of the CMS may be developed for initial testing and feedback.

Development (2-4 weeks):

➢ This is the phase where the actual coding and development of the CMS takes place. PHP, HTML, CSS, and other technologies are used to build the system according to the defined requirements.

Testing and Quality Assurance (1 weeks):

➢ Rigorous testing is conducted to identify and fix bugs, ensure the system's functionality, security, and performance meet the specified criteria.

LIST OF MODULES

- **ADMIN**
- **STUDENT**
- **ALUMNI**

1. ADMIN

This module helps us to register user. The contents are id, name, Address, contact no, mail id, password. Here we can update, delete, maintain this form. The administrator maintains the passwords of Event Manager and that of himself.

SUB MODULES
- Send invitation to alumni.
- Update student details.
- Search user details.
- View student details.
- Maintain user details.
- Post update information.

UPDATE STUDENT DETAILS:

In this module admin can update the details of the student like student name, password, address, contact number, mail id, register number, department name. These details are then stored in database. In this module admin can also update the details of the alumni like student name, password, address, contact number, mail id, register number, year of passing, designation. These details are then also stored in database.

SEARCH USER DETAILS:

In this module admin can search the details of the students and alumni. It displays student name, address, contact no, email-id. It also displays alumni name, address, year of passing, designation, contact number, email-id and.

VIEW USER DETAILS:

In this sub module we can view the entire details of the students or alumni who are registered.

MAINTAIN USER DETAILS:

In this module admin can maintain student and alumni details regularly easily.

2. Student

The Alumni/Students can register themselves and after the approval from the administrator, they can log on into their account and can send mails, post queries, update their profiles and even search for other student details. They can view the event details and search for specific information. The module provides mail and query functionalities.

Sub modules:

- Update user details.
- View alumnis information.

Update user details:

In this sub module we can update the details of the user like student name, gender, address, contact no, mail id. And save these details in database.

View student information:

In this sub module student can view the details of the alumnis and the information about their job profile.

3. Alumni

- Update user details.
- View student details.
- Post job details.

Update user details:

In this sub module alumni can update the details of the user like alumni name, year of passing, address, contact no, mail id designation and can store these details in database.
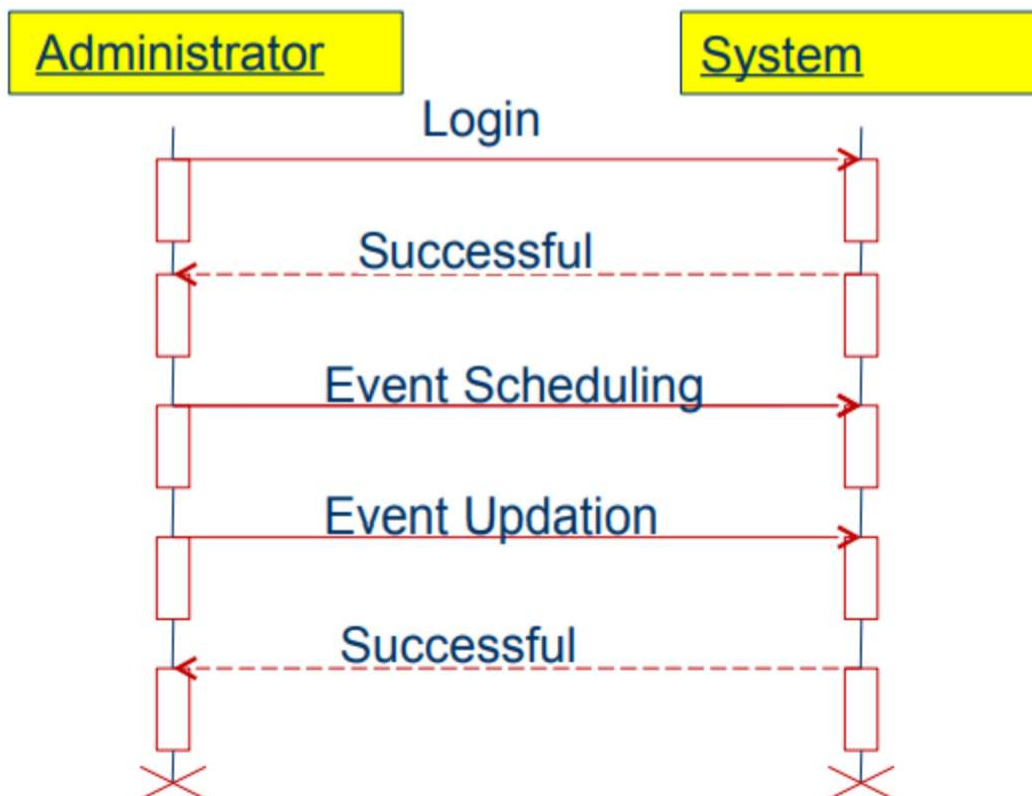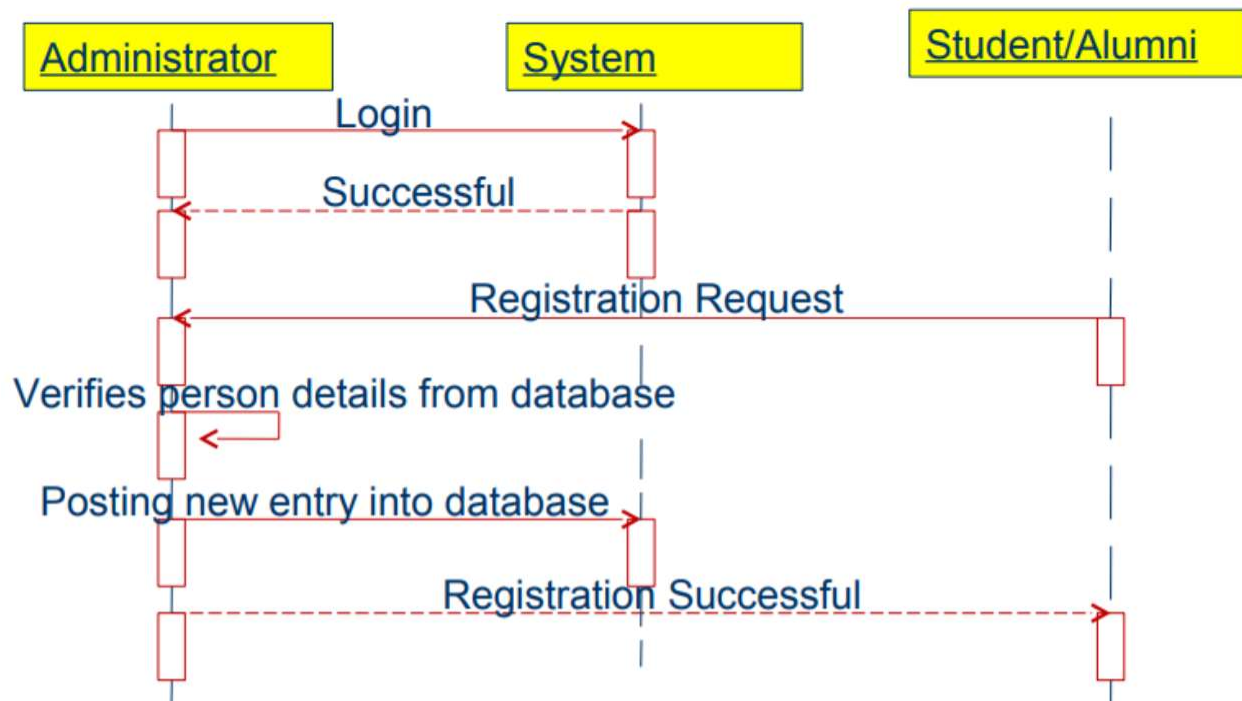
Search Student details:

In this sub module alumni can search the details of the student information and the user can select student information as their wish.

Post details:

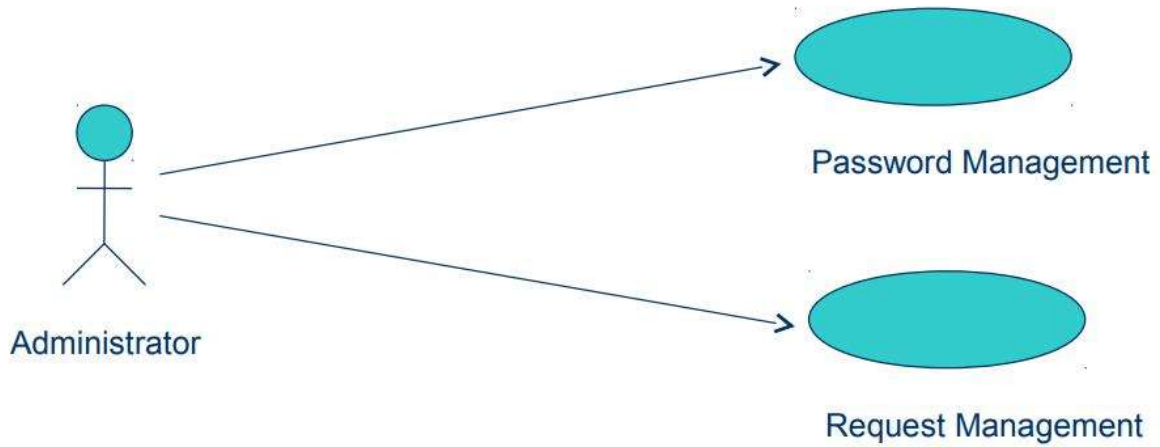In this module alumni can post information(events, job vacancies etc) to the site.
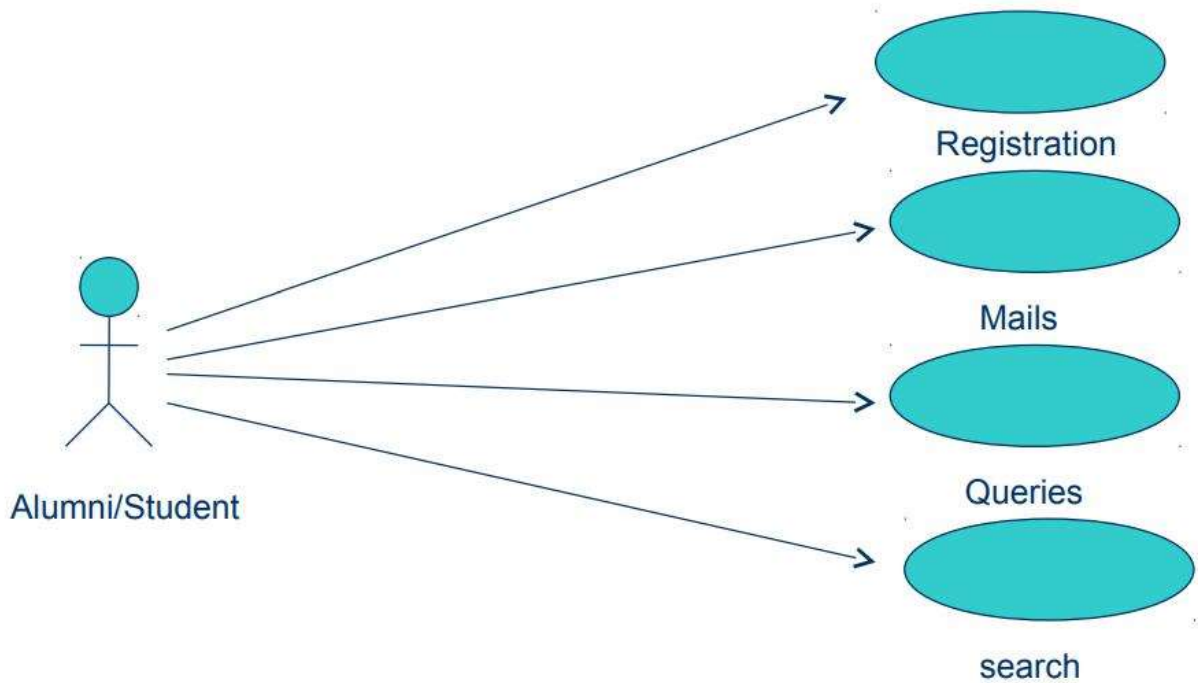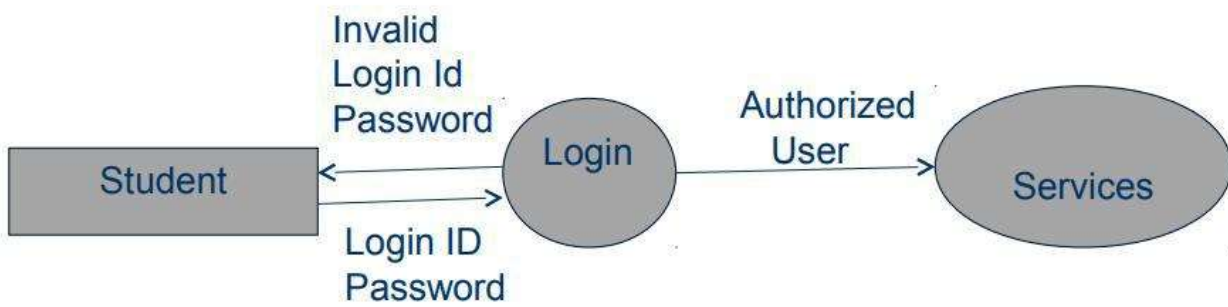
Analysis

Sequence Diagram

Administrator — System — Student/Alumni

Login

Successful

Registration Request

Verifies person details from database

Posting new entry into database

Registration Successful

Administrator — System

Login

Successful

Event Scheduling

Event Updation
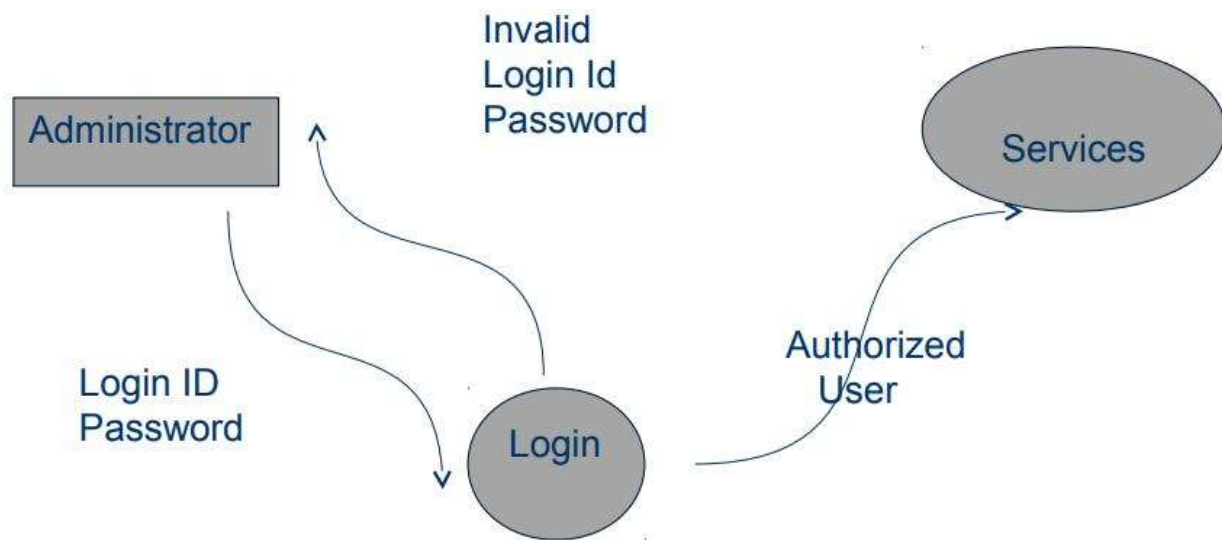
Successful

Use case diagram

Admin

Alumni/Student

Data Flow Diagrams

Future Scope and Further Enhancement

Submit CV

It would be very useful if the former students would be able to directly submit their CV using the alumni web site. This could be found very useful because of the fact that College cooperates with many different companies. The CV's would be stored on the server where some companies would be able to access them if they are looking for a new employ. This means that another type of user should be added to the system. If the alumni students were able to submit a CV and the companies would have been able to access those CV's, the alumni office would be able to help the graduates get employed without direct interference.

Discussion forum

A very useful functionality from which the alumni members could benefit would be if the web site had a forum where any discussion could be opened that is related to a person's field of study. Many universities around the world have a forum on their alumni website. The forum could also be used to ask some question.

Bibliography

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