

**IDP- Presentation Date: 06-02-2016**

On

**THE ALUMNI ASSOCIATION WEB PORTAL**

**Presented By:**

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Prof. Darshan K. Patel (Internal Guide)

**Carrying out at**

**Appitor IT Service . Mehsana**

**Submitted to**

***Sankalchand Patel College of Engineering, Visnagar***

***Department of Computer Engineering***

***Affiliated to Gujarat Technological University, Ahmedabad***



# **Topics to be covered**

1. Introduction
2. Company Profile
3. Source of Motivation
4. Proposed System
5. Comparison of Existing System And New System
6. UML Diagram
7. Data Dictionary
8. Module Specification
9. Development Environment
10. Screen Shot
11. Action Plan/Future Work
12. Conclusion
13. References

# Introduction

- The Project aims to Provides all the Major Activities Related to the Alumni like Alumni Details, Message, and Chatting, Upload Pics, Videos, News & Notices Updates, Add College Calendar.
- The Website will provide all the facility to the Alumni like ask Query to the Each Other like Blog or wall post, and they can give the Response. The Project provides Comment facility for all like any Alumni can share status and any person give comment, Like, Share.

# COMPANY PROFILE

Name :

Appitor Information Technology  
Services



Address :

S/3,GokulArcade,Opp.Urban  
BankMalgodownRoad,  
Mehsana,Gujarat,INDIA.

Cell Number :

+91- 8866 72123

Email :

[info@appits.in](mailto:info@appits.in)

Website :

[www.appits.in](http://www.appits.in)

# **SOURCE OF MOTIVATION**

- It's an initiative taken by an alumni to go online using web application under the digital India campaign.
- All the activities related to Alumni Associations is going to perform online using this web portal.
- To Establish a strong relationship among Alumni.

# **PROPOSED SOLUTION**

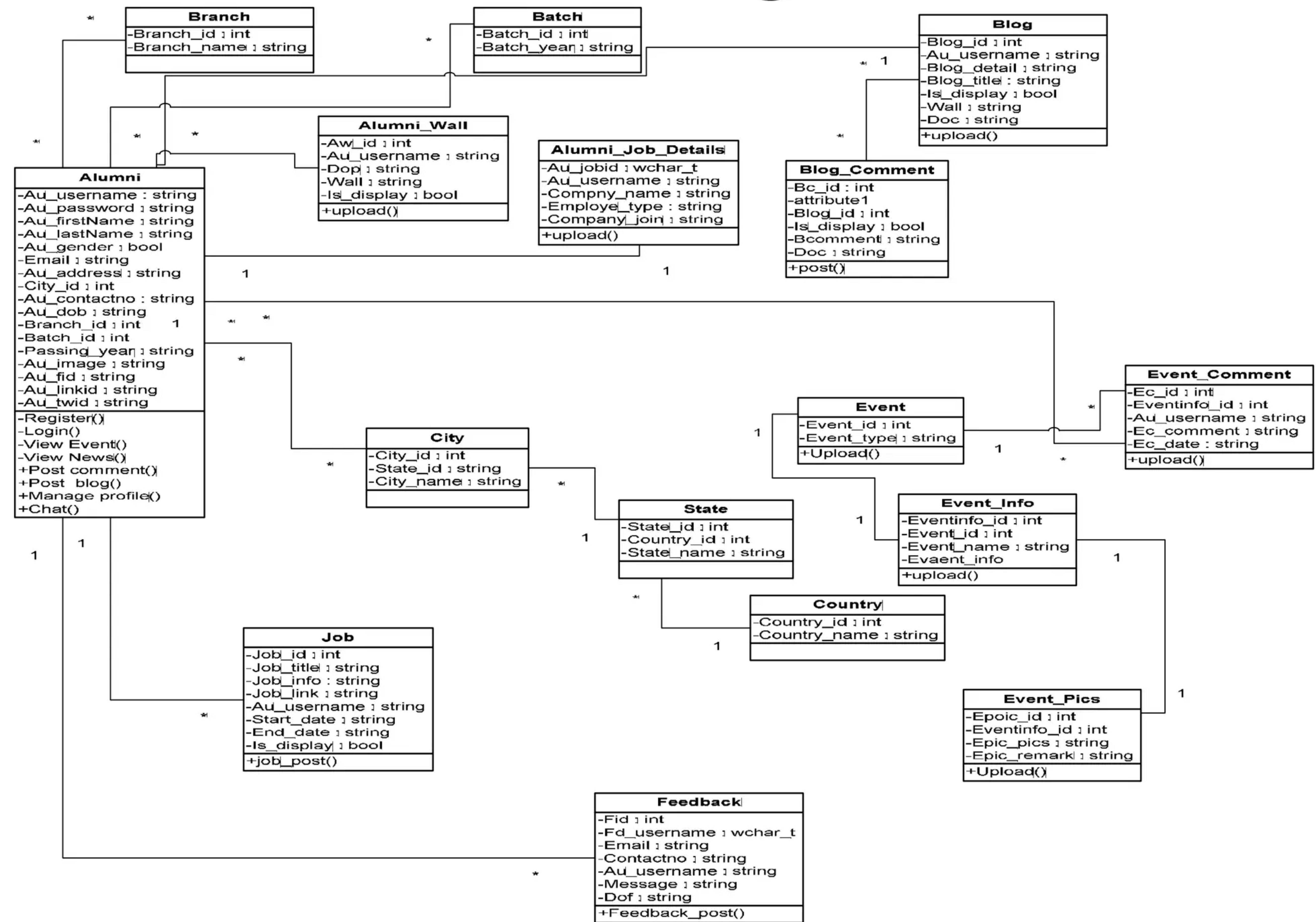
- We'll build an online web Application.
- Using this application an alumni can keep track about activities related to Alumni Association.
- The Project aims to Provides all the Major Activities Related to the Alumni like Alumni Details, Message, and Chatting, Upload Pics, Videos, News & Notices Updates, Add Academic Calendar.

# Comparison of Existing System And New System

Features	Existing System	New System
Less paperwork.	No	Yes
Easy to report generating.	No	Yes
Computer operator control	No	Yes
Security	Less	More
User friendly	No	Yes

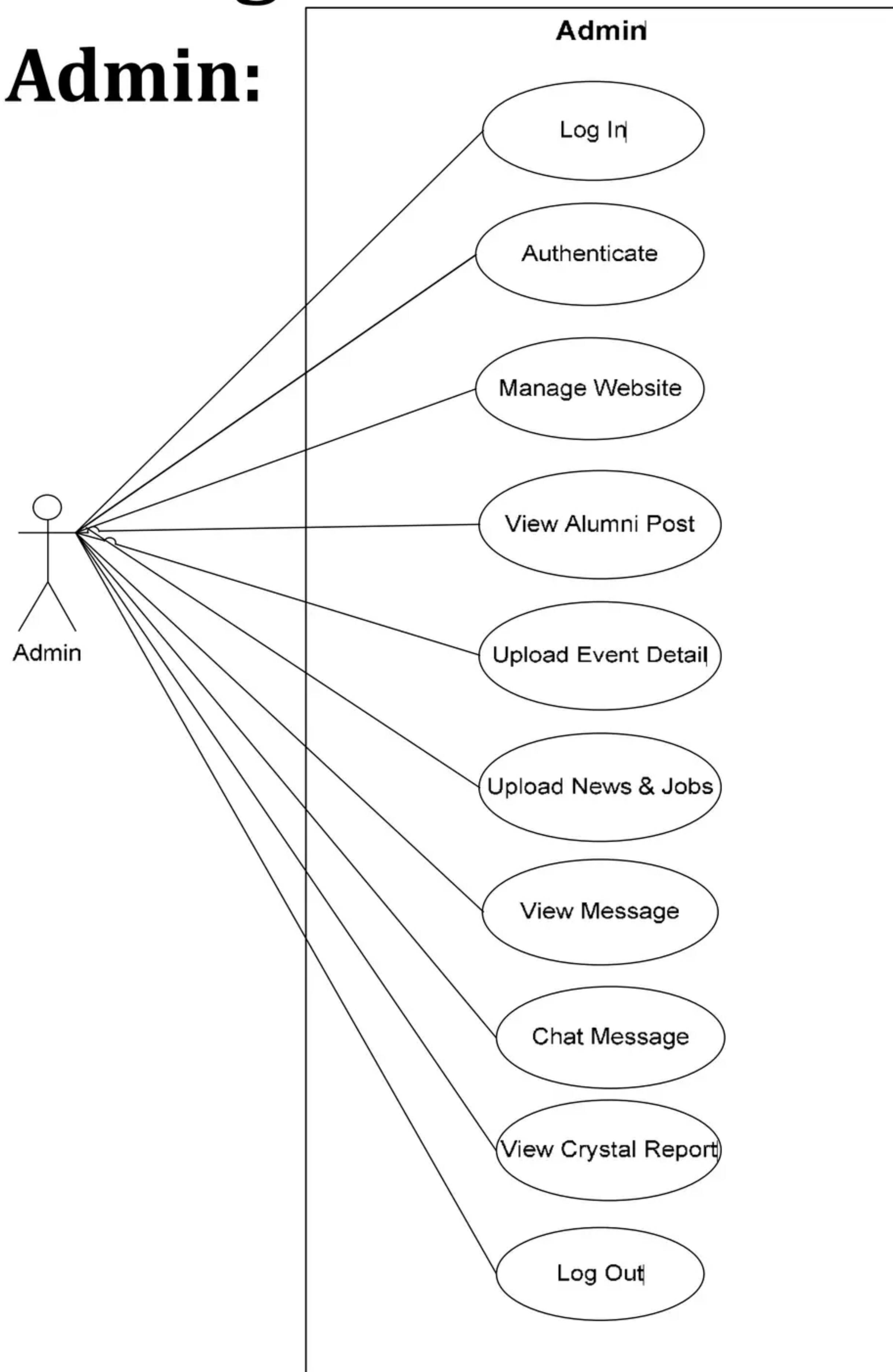
# UML DIAGRAMS

# Class Diagram

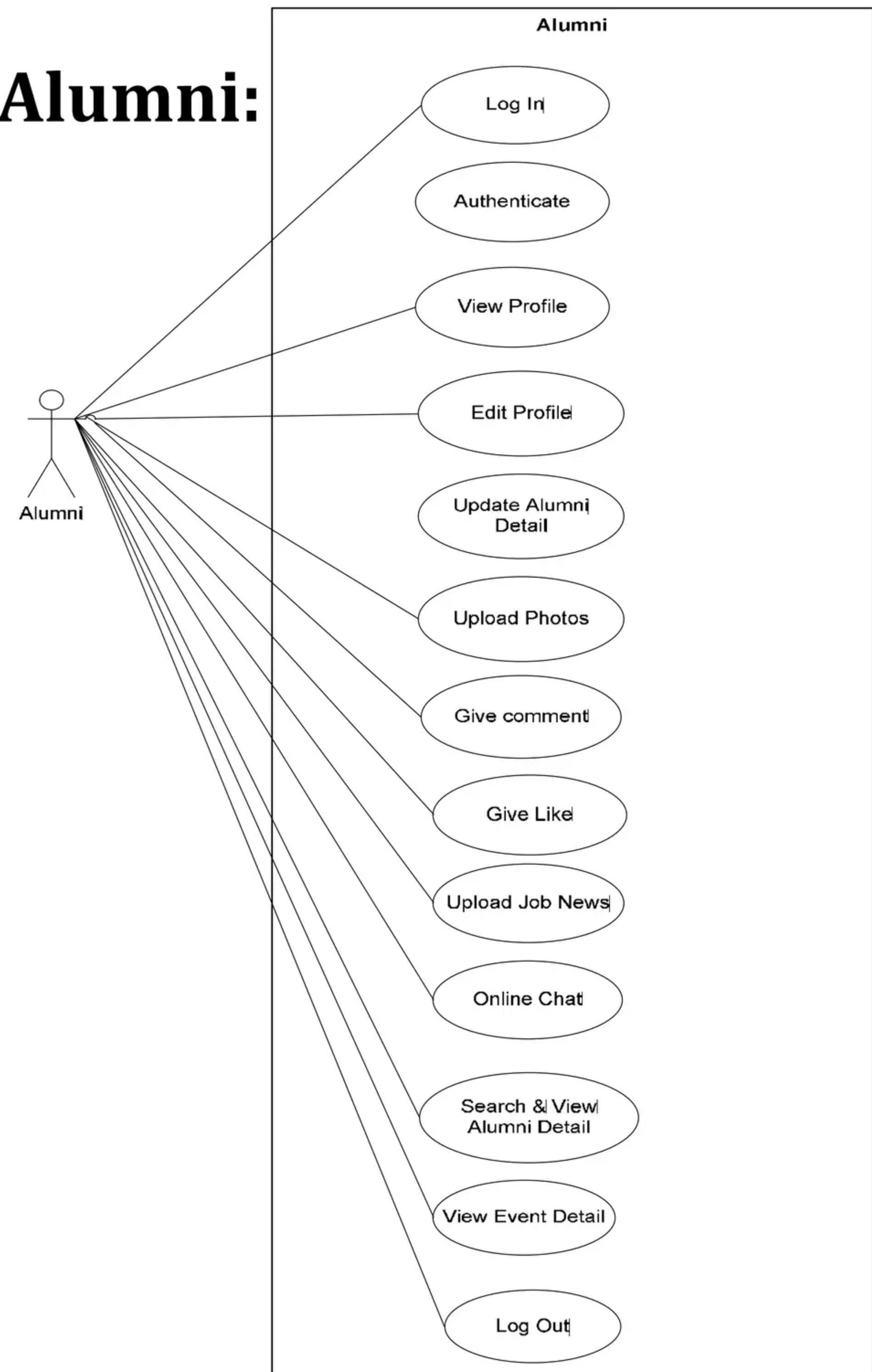


# Use Case Diagram

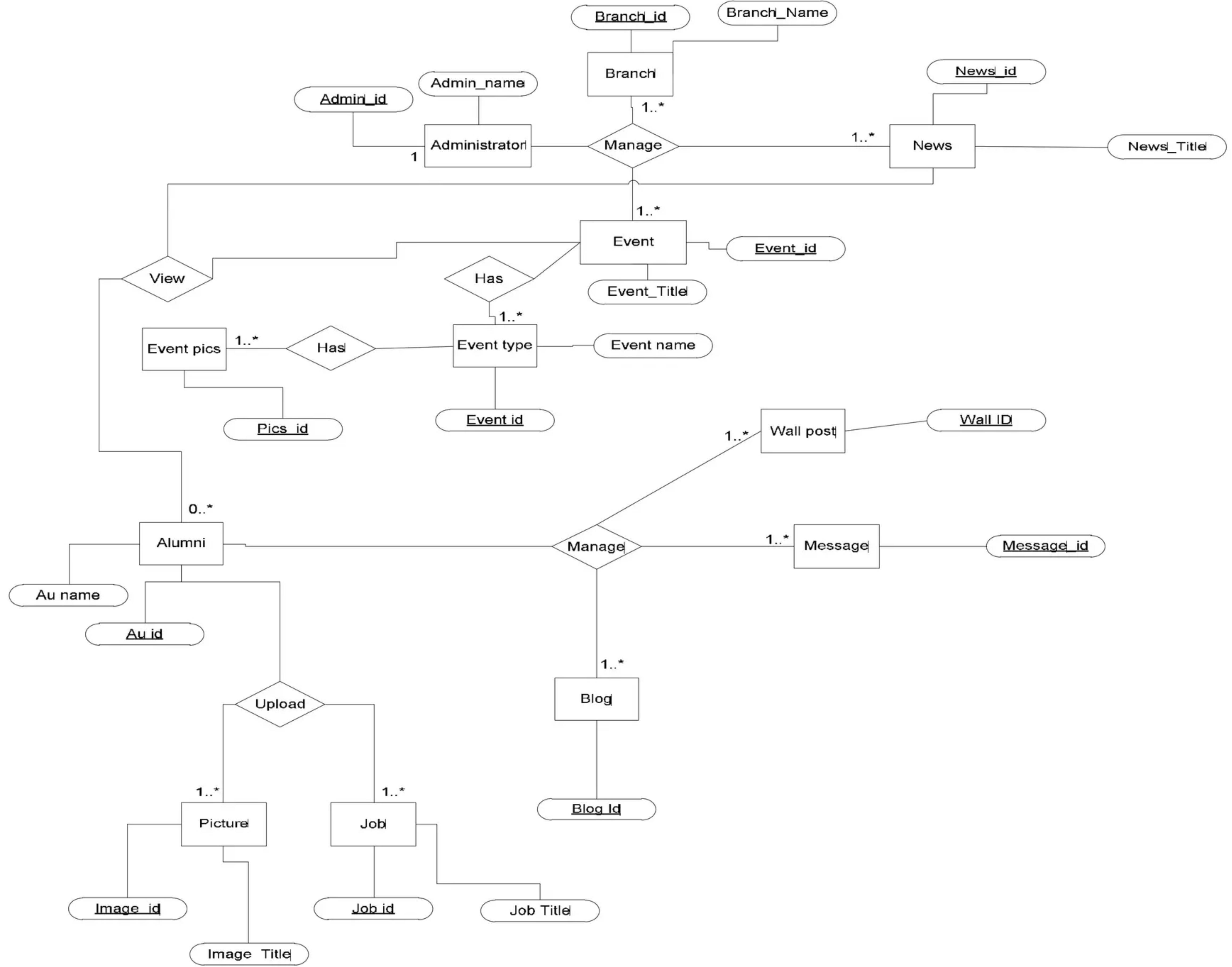
## ➤ Use Case Diagram for Admin:



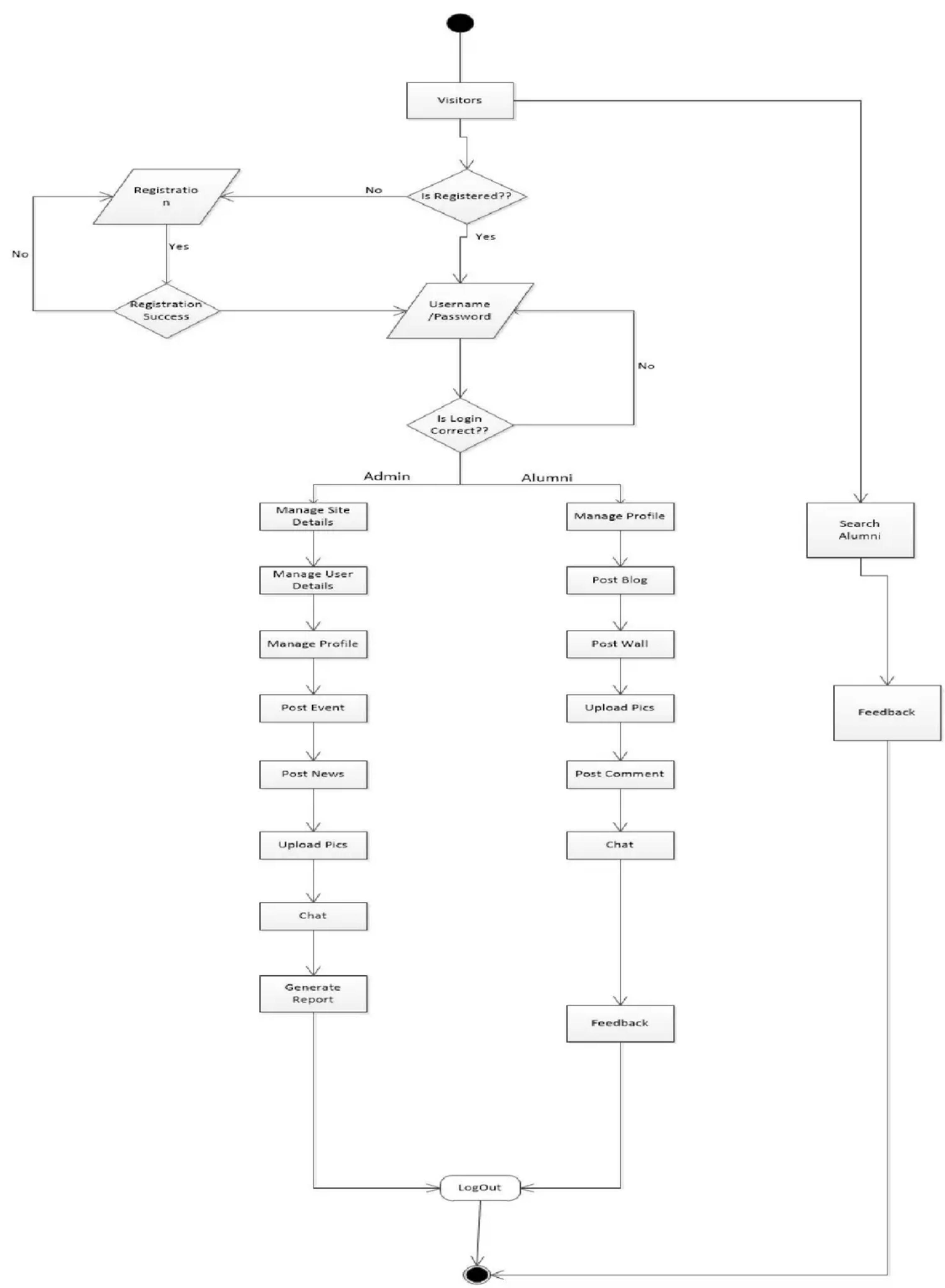
# ➤ Use Case Diagram for Alumni:



# E-R Diagram

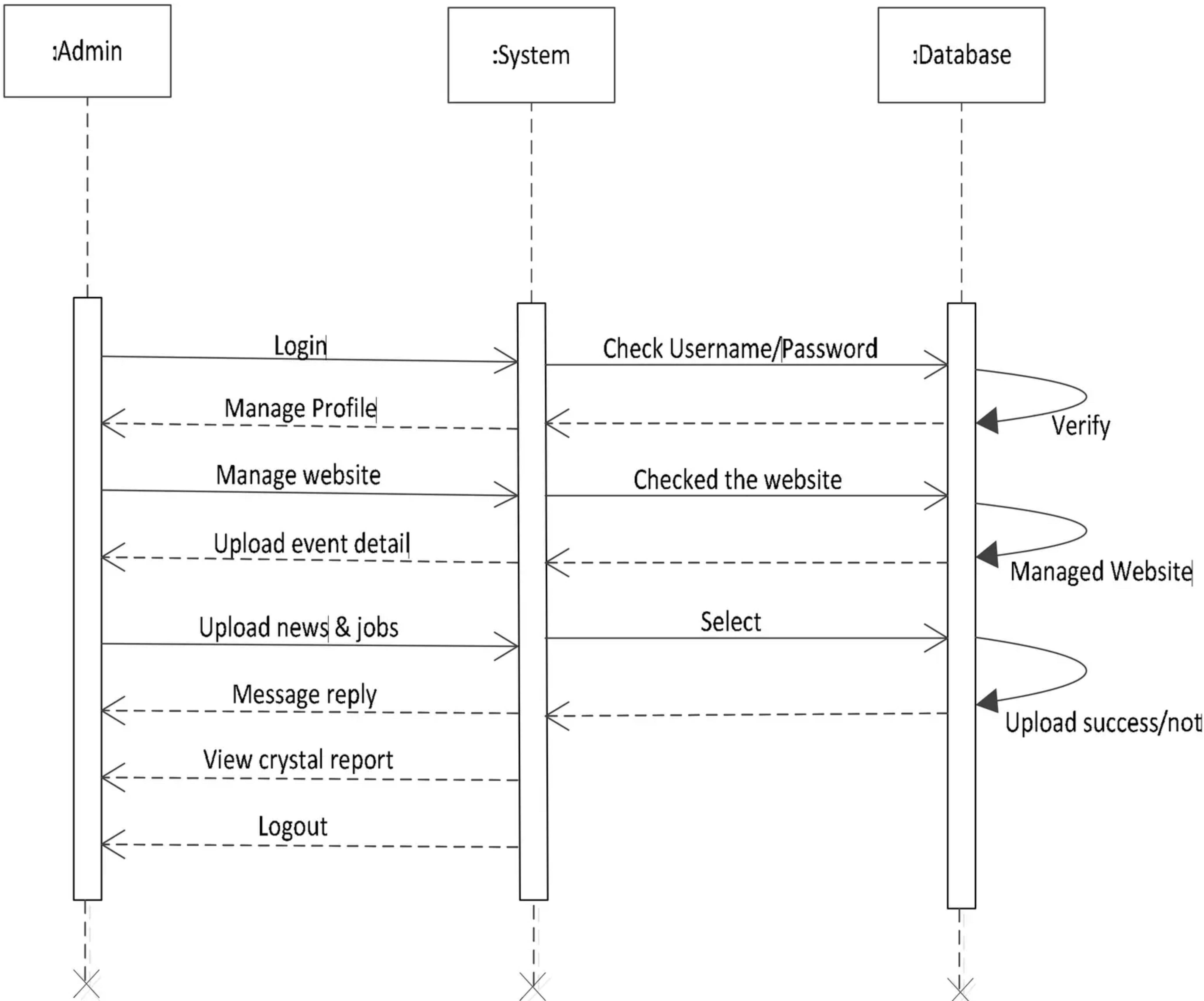


# Activity Diagram

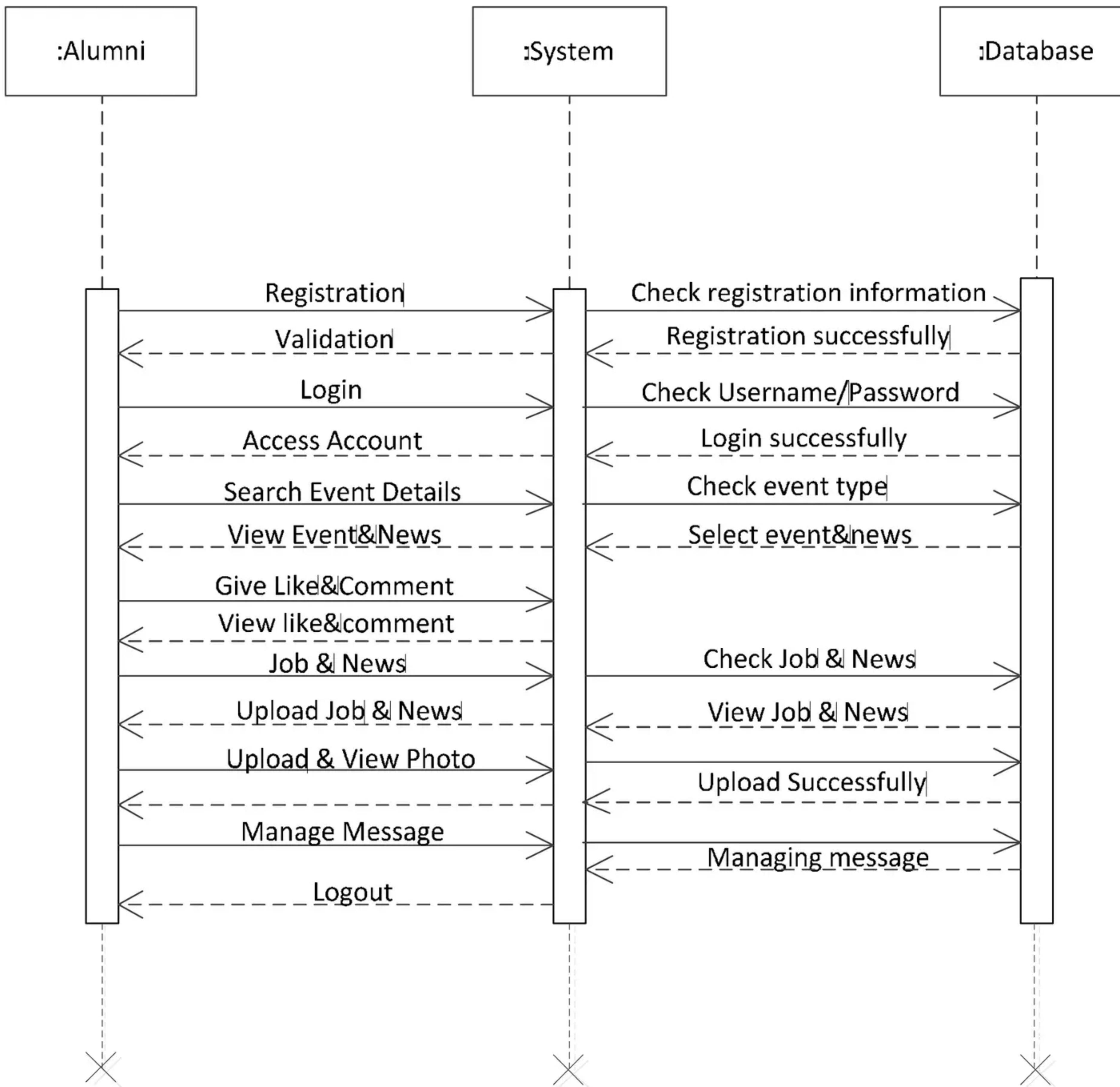


# Sequence Diagram

## ➤ Sequence Diagram for Admin:

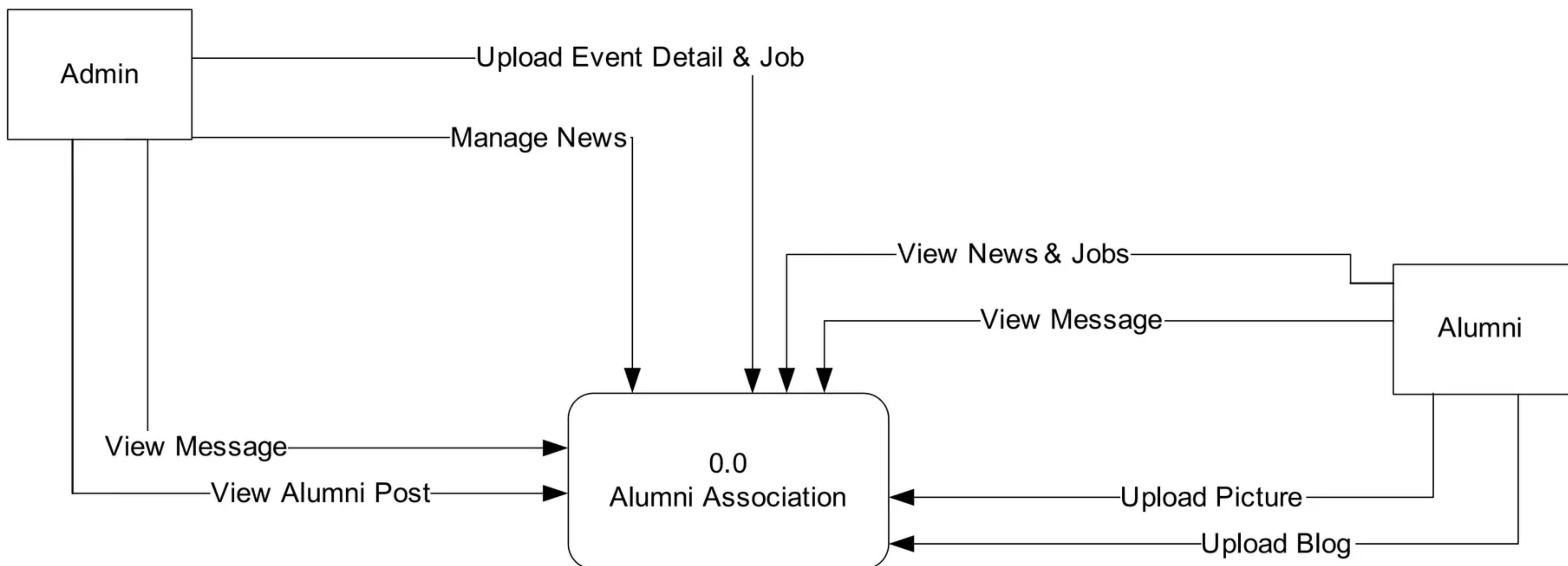


# ➤ Sequence Diagram for Alumni:

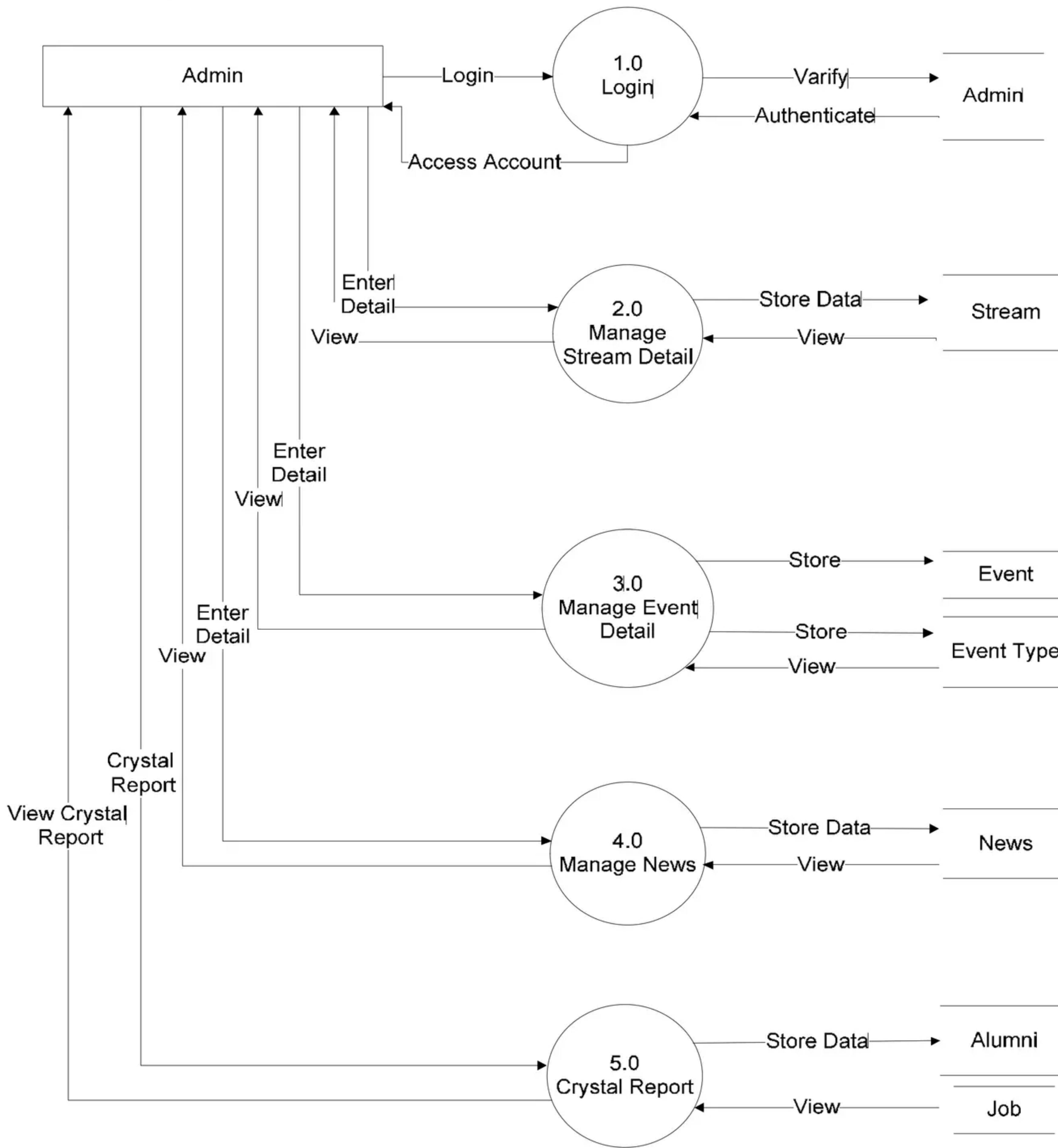


# Data Flow Diagram

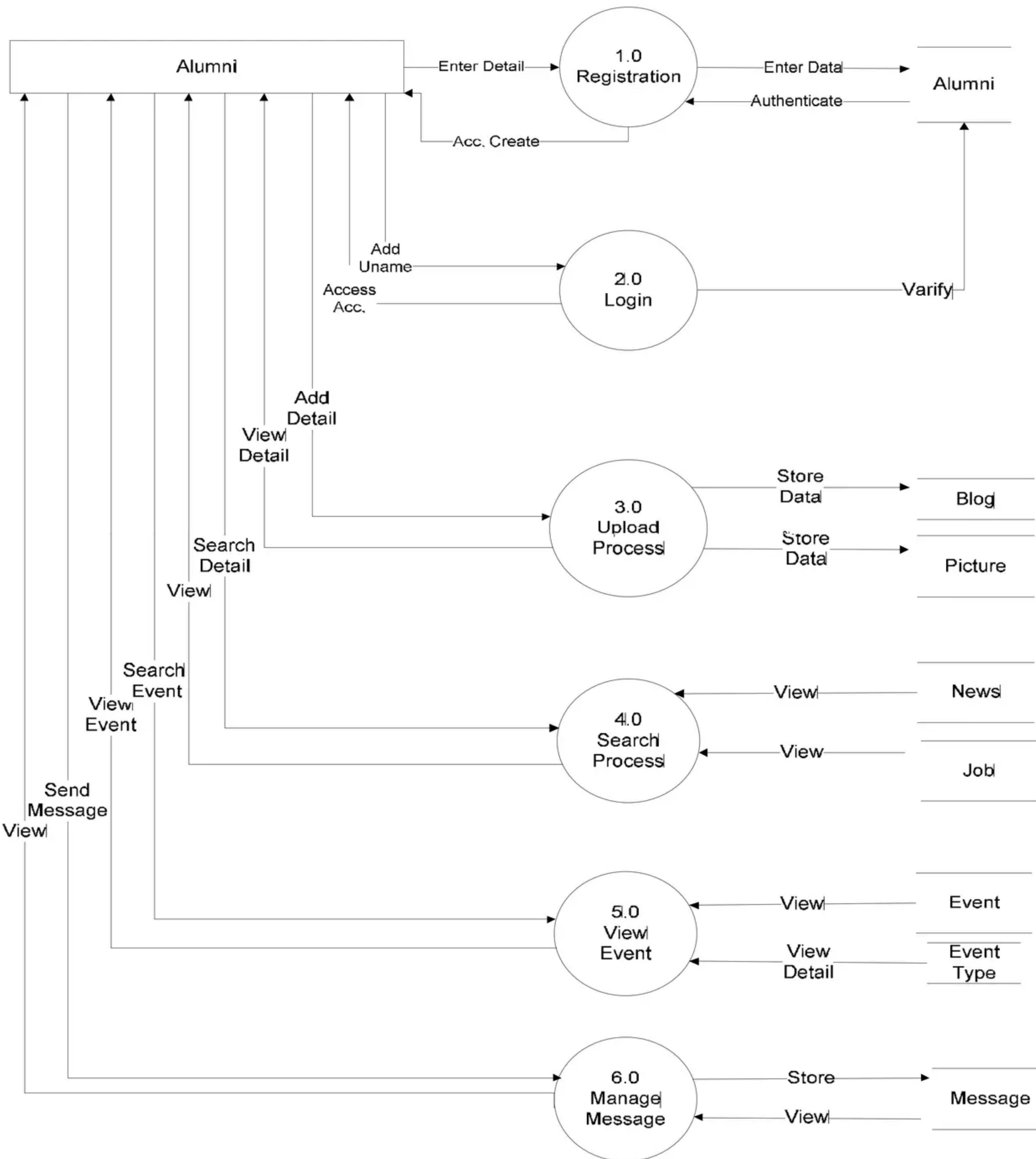
## ➤ Context Level (Level 0) Data Flow Diagram:



# ➤ First Level (Admin side) Data Flow Diagram:



# ➤ First Level (Alumni side) Data Flow Diagram:



# Data Dictionary

**TABLE 1: ADMIN**

Field name	Data type	Size	Constraint	Description
Ad_id	Int	-	Primary key	Unique Id
Ad_username	Varchar	50	-	User Name
Ad_password	Varchar	16	-	Password
Ad_firstname	Varchar	50	-	First Name
Ad_lastname	Varchar	50	-	Last Name
Ad_email	Varchar	50	-	Email-Id
Ad_contact	Varchar	50	-	Contact
Ad_img	Varchar	200	-	Image

**TABLE 2: ALUMNI**

Field name	Data type	Size	Constraint	Description
Au_id	Int	-	Primary key	Unique Id
Au_username	Varchar	50	-	User Name
Au_password	Varchar	16	-	Password
Au_firstname	Varchar	50	-	First Name
Au_lastname	Varchar	50	-	Last Name
Au_gender	Varchar	7	-	Gender
Email	Varchar	50	-	Email-Id
Au_address	Varchar	100	-	Address
City_id	Int	-	Foreign key	City
Au_contactno	Varchar	10	-	Contact No
Au_dob	Date time	-	-	Date Of Birth
Branch_id	Int	-	Foreign key	Branch
Batch_id	Int	-	Foreign key	Batch
Passing_year	Varchar	4	-	Passing Year
Au_img	Varchar	200	-	Image
Au_fid	Varchar	Max	-	Facebook Id
Au_linkid	Varchar	Max	-	Linked Id
Au_twid	Varchar	Max	-	Twitter Id

**TABLE 3: Alumni\_job\_detail**

Fieldname	Type	Size	Constraint	Description
Au_jobid	Int	-	Primary key	Unique Id
Au_id	Varchar	50	Foreign key	Unique Id
Company_name	Varchar	50	-	Company Name
Company_address	Varchar	Max	-	Company Address
Company_Cont.	Number	10	-	Company Contact
Employe_type	Varchar	50	-	Employee Type
Company_joindate	Date time	-	-	Company Join Date
Company_leavedate	Date time	-	-	Company Leave Date
Job_info	Varchar	100	-	Job Information

**TABLE 4: Alumni\_post**

Fieldname	Type	Size	Constraint	Description
Aw_id	Int	-	Primary key	Unique Id
Au_id	Varchar	50	Foreign key	Unique Id
Dop	Date time	-	-	Date Of Birth
Post_details	Varchar	Max	-	Post Details
Is_display	Bit	-	-	Display

**TABLE 5: Batch**

Fieldname	Type	Size	Constraint	Description
Batch_id	Int	-	Primary key	Unique Id
Batch year	Date time	04	-	Batch Year

**TABLE 6: Blog**

Fieldname	Type	Size	Constraint	Description
Blog_id	Int	-	Primary key	Unique Id
Au_id	Varchar	50	Foreign key	Unique Id
Blog_title	Varchar	50	-	Blog Title
Doc	Date time	-	-	Date Of Birth
Is_display	Bit	-	-	Display
Blog_detail	Varchar	Max	-	Blog Detail

**TABLE 7: Blog\_comment**

Fieldname	Type	Size	Constraint	Description
Bc_id	Int	-	Primary key	Unique Id
Blog_id	Int	-	Foreign key	Unique Id
Au_id	Varchar	50	Foreign key	Unique Id
Doc	Date time	-	-	Date Of Birth
Is_display	Bit	Max	-	Display
Bcomment	Varchar	Max	-	Blog Comment

**TABLE 8: Branch**

Field name	Type	Size	Constraint	Description
Branch_id	Int	-	Primary key	Unique Id
Branch_name	Varchar	50	-	Branch Name

**TABLE 9: Event**

Field name	Type	Size	Constraint	Description
Event_id	Int	-	Primary key	Unique Id
Event_type	Varchar	50	-	Event Type

**TABLE 10: Event\_info**

Field name	Type	Size	Constraint	Description
Eventinfo_id	Int	-	Primary key	Unique Id
Event_id	Int	-	Foreign key	Unique Id
Event_name	Varchar	50	-	Event Name
Event_info	Varchar	Max	-	Event Information

**TABLE 11: Event\_pics**

Field name	Type	Size	Constraint	Description
Epics_id	Int	-	Primary key	Unique Id
Event_info_id	Int	-	Foreign key	Unique Id
Epics_pics	Varchar	50	-	Event Pics
Epics_remark	Varchar	1000	-	Event Remark

**TABLE 12: Event\_comment**

Field name	Type	Size	Constraint	Description
Ec_id	Int	-	Primary key	Unique Id
Au_id	Varchar	50	-	Unique Id
Ec_comment	Varchar	Max	-	Event Comment
Ec_date	Date time	-	-	Event Date
Eventinfo_id	Int	-	Foreign key	Event Information

**TABLE 13: Feedback**

Field name	Type	Size	Constraint	Description
Fid	Int	-	primary key	Unique Id
Fd_username	Varchar	50	-	User Name
Contact no	Varchar	50	-	Contact Number
Email	Varchar	50	-	Email-Id
Message	Varchar	Max	-	Message
Dof	Date time	-	-	Date Of Birth

**TABLE 14: Job**

Field name	Type	Size	Constraint	Description
Job_id	Int	-	Primary key	Unique Id
Job_title	Varchar	200	-	Job Title
Job_info	Varchar	Max	-	Job Information
Job_link	Varchar	Max	-	Job Link
Au_id	Varchar	50	Foreign key	Alumni Id
Start_date	Date time	-	-	Start Date
End_date	Date time	-	-	End Date
Is_display	Bit	-	-	Display

**TABLE 15: News**

Field name	Type	Size	Constraint	Description
News_id	Int	-	Primary key	Unique Id
News_title	Varchar	50	-	News Title
News_info	Varchar	Max	-	News Information
Upload_date	Datetime	-	-	Upload Date
Is_display	Bit	-	-	Display

**TABLE 16: Country**

Field name	Type	Size	Constraint	Description
Country_id	Int	-	Primary key	Unique Id
Country name	Varchar	50	-	Country Name

**TABLE 17: State**

Field name	Type	Size	Constraint	Description
State_id	Int	-	Primary key	Unique Id
Country_id	Int	-	Foreign key	Country Id
State_name	Varchar	50	-	State Name

**TABLE 18: City**

Field name	Type	Size	Constraint	Description
City_id	Int	-	Primary key	Unique Id
State_id	Int	-	Foreign key	State Id
City name	Varchar	50	-	City Name

# Module specification

- ❖ There are four module in this system:
  - Admin
  - Staff
  - Alumni

## ❖ Admin:

- Admin can maintain whole system.
- They can add, update, delete page of navigation in proposed system and also change status of menu if inactive than menu can not show to visitor and others.
- They can update and delete and change status for Alumni in proposed system.

## ❖ **Staff :**

- They can manage college event.
- Staff can upload details about placement for alumni.
- They can Inform to alumni about event and placement.

## ❖ Alumni:

- Alumni can add there personal detail.
- Alumni can view and edit their detail.
- Alumni can search about events and placement.
- Alumni can comment,like,share on blog which is created.
- Alumni can do chat with other alumni.
- Alumni can also upload the detail about any other events and placement.

# **DEVELOPMENT ENVIRONMENT**

## **➤ Hardware Requirement :**

Minimum 512MB RAM

Minimum Dual-Core Processor

Minimum 100GB Hard Disk Space

## **➤ Software Requirements:**

Operating System : Windows-XP/7/8

## **➤ Servers :**

localhost : IIS(internet information service)

## **➤ Front End Tools**

Visual Studio 2010

**SCREEN SHOT**

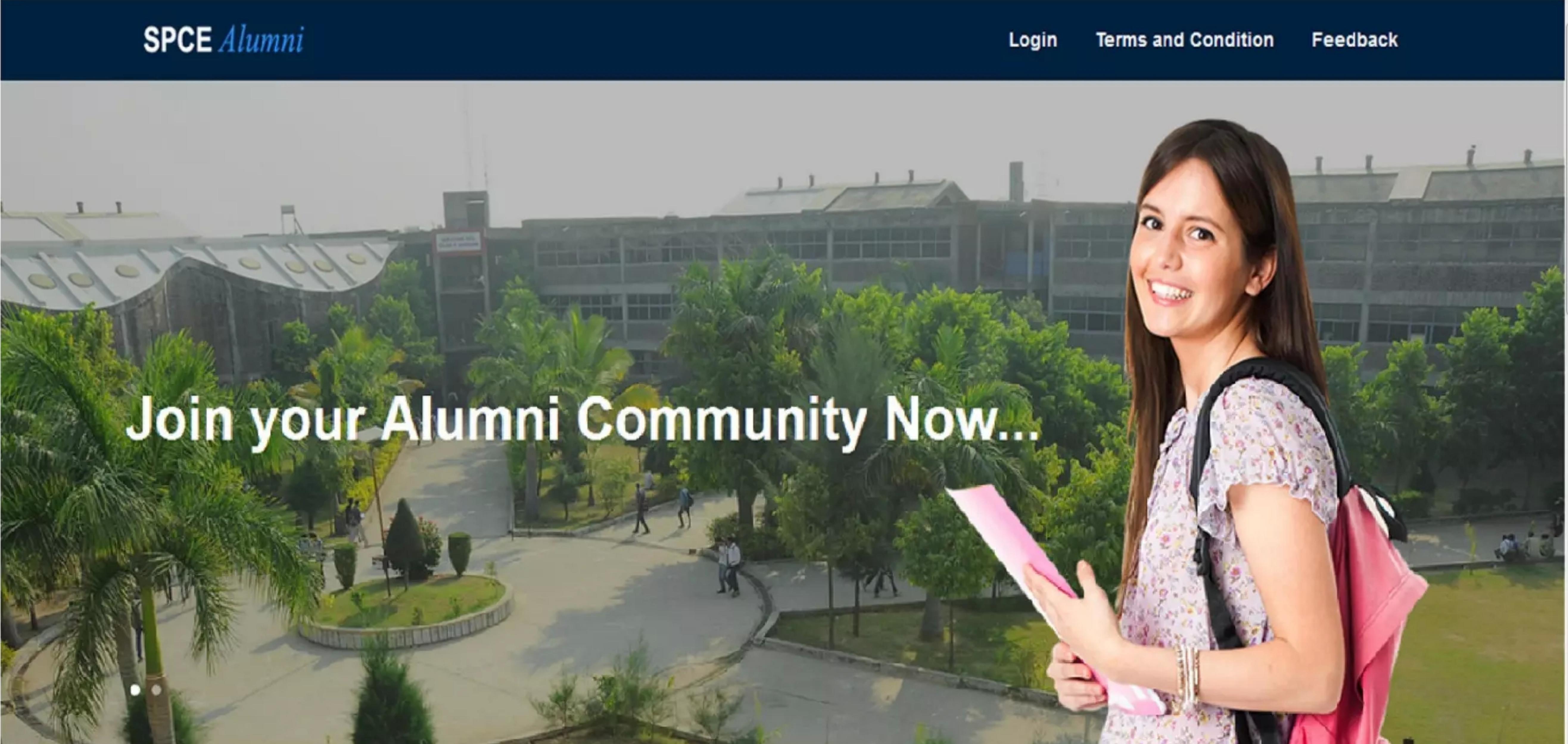


# **Alumni**

# Alumni Home Page

SPCE *Alumni*

[Login](#)   [Terms and Condition](#)   [Feedback](#)



Join your Alumni Community Now...

Welcome to Sankalchand Patel College of Engineering Alumni Web Portal

# Alumni Login

SPCE *Alumni*

Login

Terms and Condition

Feedback

- Login
- Register

In Just One Easy Step

Welcome to Sankalchand Patel College of Engineering Alumni Web Portal

# Idea Behind Alumni Association

Welcome to Sankalchand Patel College of Engineering Alumni Web Portal

## Idea Behind Alumni Association

SPCE Alumni Association was established with aim to promote fellowship among alumni, exchange ideas, spread knowledge, stimulate thinking and help Sankalchand Patel College of Engineering to provide excellence in the field of Engineering

About Us



### WAIT FOR NONE

You are able to contact your college mates and friends easily using this platform.



### TEACH AS YOU CAN

With the Help of Fellow members you can learn about new technologies.



### COMMUNITY SUPPORT

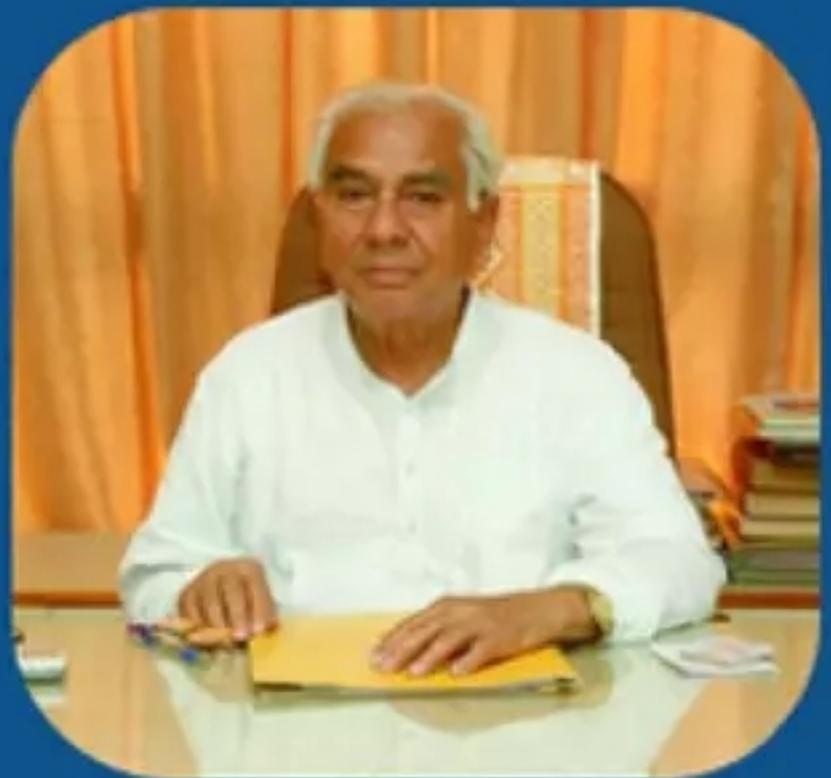
It's pleasure to always ready to help our friends and fellow members. This platform is all about it.



### SHARE HAPPY MOMENTS

sharing and caring is human nature.share your thoughts and ideas with your friends and fellow members.

# Chairman's Desk



## From Chairman's Desk

Sankalchand Patel College of Engineering spreaded over 60.38 acres of land and situated in natural surroundings serves multiplicity of purposes due for an academic institution. It is a realization of a dream cherished long back and realized through collective efforts of a score of personalities. It is an expression of the feelings of awe and amiability towards the mankind in general and the people of Visnagar taluka in particular who have fully supported our efforts in co-operative sector and others for such a long time. It had always been my dream to construct one such academic complex offering a variety of high-tech courses in Visnagar itself so that the talented boys and girls of Gujarat region may not have to go outside our state in search of high-tech courses. I am very happy that my long cherished dream has finally been realized. It can also be put in terms of our genuine tribute to Late Shri Sankalchand K. Patel nicknamed "Karmavir" among the people of Visnagar taluka for his noble deeds of human service. Sankalchand Patel Sahakar Vidyadham is the presentation of the institutions managed by Nootan Sarva Vidyalaya Kelvani Mandal, Visnagar in the changed trends of the modern world after globalization. The year 1999 proved to be a landmark in the history of Visnagar when the trust started three higher technical and professional education institutions for the first time in Visnagar. The trust continuing its tireless efforts started other higher Technical and Professional courses in the following year and now it is a time when the vidhyadham has a cluster of institutions. The trust has already constructed a new campus in 60.38 acres of land with all the state of the art facilities where Degree Engineering, Polytechnic and M.B.A & M.C.A.programmes have already been started. All the colleges managed by the trust are approved by the competent and appropriate authorities at the state level as well as central level. All the institutions except Polytechnic College are affiliated to Hemchandracharya North Gujarat University. Polytechnic College is affiliated to Technical Examination Board, Gujarat State. I wish that you will be a part of our vidhyadham and match your shoulders with us in our efforts to make the vichyadham one of the best places for acquiring quality education.

# **Admin**

# Admin Login



## Alumni Association admin login



Username / Email



Or  
Password

Login

Powered by SPCE Alumni Association

# Dashboard

≡ admin



Nilesh Prajapati  
nilesh@spcealumni.org



MANAGE ALUMNI

Search >

MANAGE EVENTS

Event >

MANAGE JOB

Job >

MANAGE NEWS AND POST

News & Post >

REPORT

View Report >

Sankalchand Patel College of Engineering Alumni Association Web Portal

Dashboard

Home > Dashboard

ALUMNI STUDENTS

100



JOB POSTS

50



UPCOMING EVENTS

5



# Manage Alumni(Search)

≡ admin

Nilesh Prajapati  
nilesh@spcealumni.org

MANAGE ALUMNI

Search

- By Department / Branch
- By Passing Year
- By City
- By Current Job
- By Name

MANAGE EVENTS

Event

MANAGE JOB

Job

MANAGE NEWS AND POST

Dashboard

Home > Dashboard

ALUMNI STUDENTS

100

JOB POSTS

50

UPCOMING FVNTS

5

localhost:40417/Admin/Dashboard.aspx#

# Events

≡ admin

Nilesh Prajapati  
nilesh@spcealumni.org

MANAGE ALUMNI

- Search >

MANAGE EVENTS

- Event ▼
  - Add Upcoming Event
  - Search Upcoming Events
  - Search Past Events

MANAGE JOB

- Job >

MANAGE NEWS AND POST

- News & Post >

REPORT

localhost:49447/Admin/Dashboard.aspx#

Dashboard

Home > Dashboard

ALUMNI STUDENTS

100

JOB POSTS

50

UPCOMING EVENTS

5

The dashboard displays three key metrics: 100 Alumni Students (represented by a line chart), 50 Job Posts (represented by a bar chart), and 5 Upcoming Events (represented by a line chart). The sidebar on the left provides navigation for managing alumni, events, jobs, news, and reports.

# Search Job

≡ admin

Nilesh Prajapati  
nilesh@spcealumni.org

Dashboard

Home > Dashboard

MANAGE ALUMNI

Search

MANAGE EVENTS

Event

MANAGE JOB

Job

Search Job

MANAGE NEWS AND POST

News & Post

REPORT

View Report

localhost:49447/Admin/Dashboard.aspx#

ALUMNI STUDENTS

100

JOB POSTS

50

UPCOMING EVENTS

5

The dashboard displays three main metrics: Alumni Students (100), Job Posts (50), and Upcoming Events (5). Each metric is represented by a colored card with a large numerical value and a corresponding chart below it. The charts use a color scheme of teal, purple, and cyan respectively.

# News & Jobs

≡ admin



Nilesh Prajapati  
nilesh@spcealumni.org



MANAGE ALUMNI

Search >

MANAGE EVENTS

Event >

MANAGE JOB

Job >

MANAGE NEWS AND POST

News & Post >

Add News

Search News

Add Post

Search Post

Dashboard

Home > Dashboard

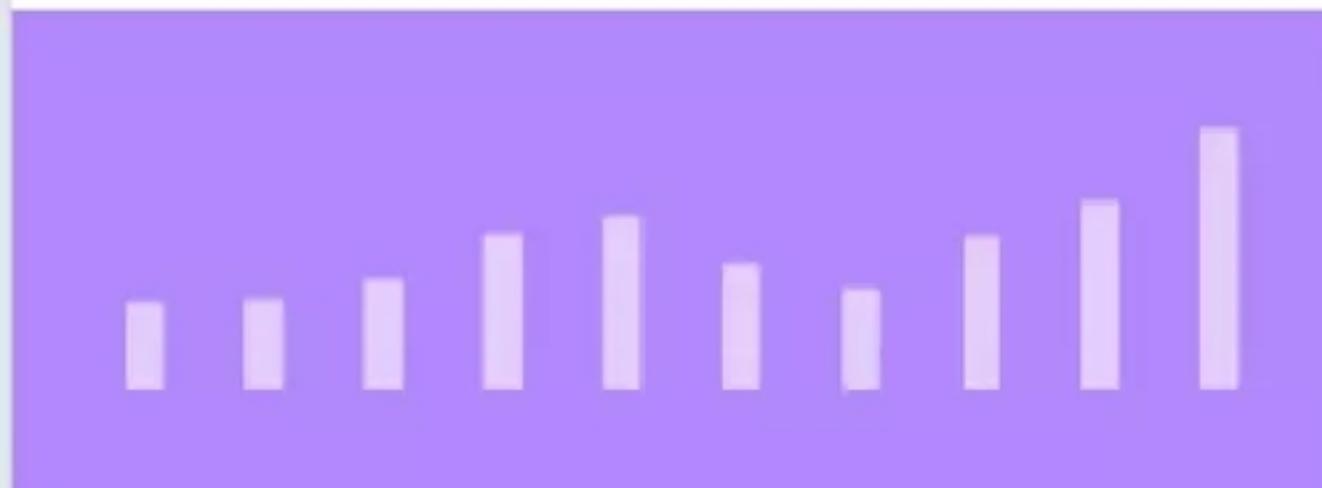
ALUMNI STUDENTS

100



JOB POSTS

50



UPCOMING EVENTS

5



# View Report

≡ admin

Nilesh Prajapati  
nilesh@spcealumni.org

MANAGE ALUMNI

- Search >

MANAGE EVENTS

- Event >

MANAGE JOB

- Job >

MANAGE NEWS AND POST

- News & Post >

REPORT

- View Report >
- All Alumni

localhost:49447/Admin/header.html

## Dashboard

Home > Dashboard

ALUMNI STUDENTS

100

JOB POSTS

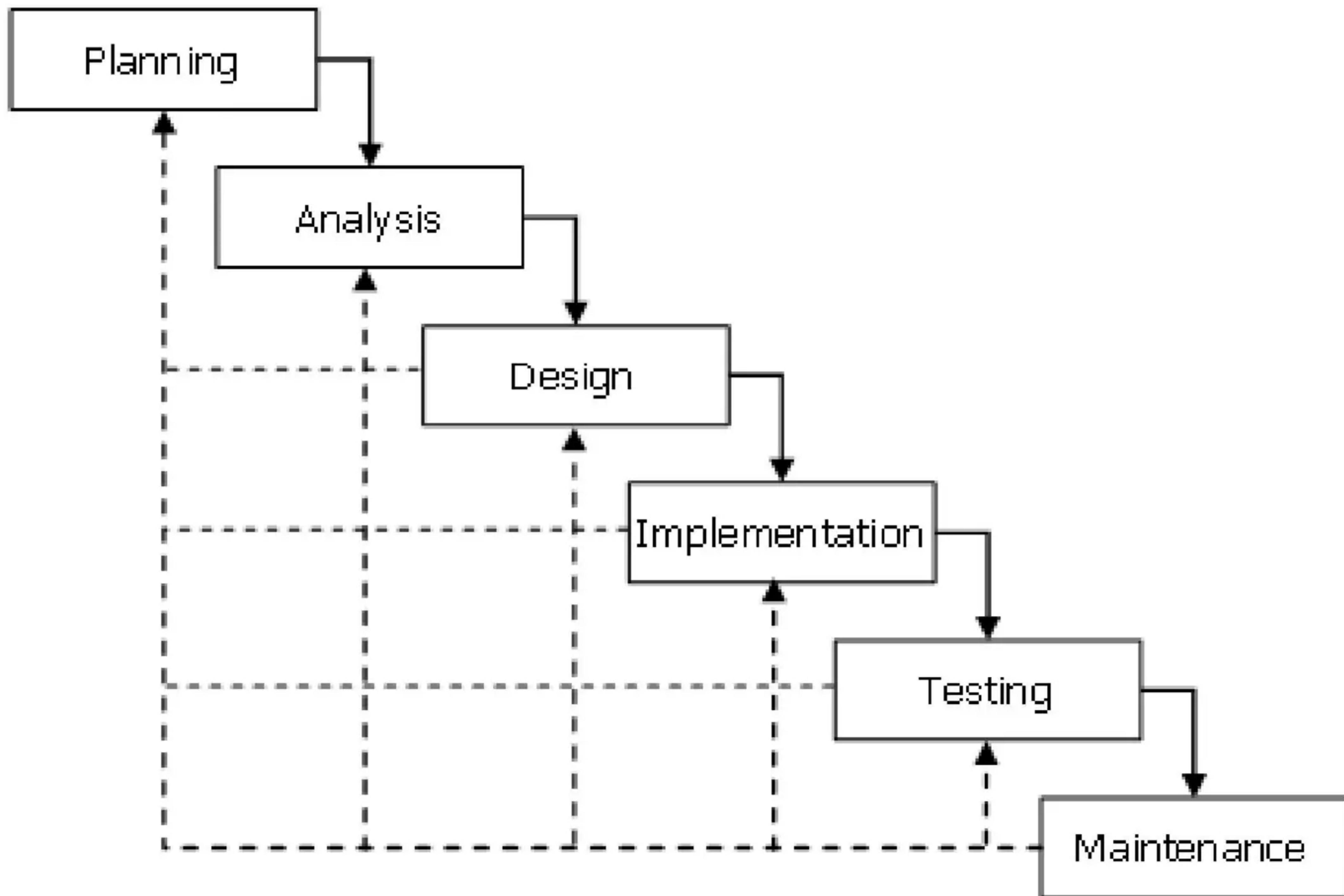
50

UPCOMING EVENTS

5

The dashboard displays three key metrics: 100 Alumni Students (line chart), 50 Job Posts (bar chart), and 5 Upcoming Events (line chart). The sidebar on the left provides navigation for managing alumni, events, job posts, news, and reporting.

# ACTION PLAN / FUTURE WORK



# **ACTION PLAN / FUTURE WORK**

- We'll work with Software Development Lifecycle to capture Detailed Information About Project.
- **Planning :** Organize a meeting with Alumni Students and discuss about requirement and functionalities about system.
- **Analysis :** Analyzing whole project using requirements collected earlier.
- **Designing :** Based on Analysis we will design database and Graphical user interface.

# **ACTION PLAN / FUTURE WORK**

- **Implementation (Coding):**  
Connection Between GUI Form and Database.
- **Testing :** Test a whole application using testing methods like black box testing and white box testing.
- **Maintenance :** Daily backup and 24\*7 Availability and system recovery if required.

# **Conclusion:**

Any work may not be always perfect there may be error or some defect in the work. We have taken enough care to make the project user friendly and interactive. We hope that our Website “Alumni Association Web Portal” should be useful to user. Even though we never claim that this system may fulfill all there quirements of the users in every condition. This application has been developed with a view to provide maximum facility with using internet.

# References

## ➤ Websites:

- <http://www.dotnetfunda.com/tutorials/controls>
- <http://www.w3schools.com/aspnet/default.asp>
- <http://asp.net-tutorials.com/basics/events>
- <http://www.aspxcode.net/>
- <http://msdn.microsoft.com/library/vstudio/a72418yk>

## ➤ Reference Books:

1. Roger S. Pressman, 'Software Engineering, A Practitioner's Approach', Fifth Edition.
2. Pearson Publication, Object Oriented Analysis and Design Using UML.

**THANK YOU**