A Project Report on

Friends Book

Kamani Science & Prtaprai Arts College, Amreli

CS-30

Friends Book (Social Network site)

Developed by

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Guide by

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Submitted in partial fulfillment of the requirement

For the award of the degree of Bachelor of Computer Applications (BCA)

Year of Submission

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Saurashtra University-Rajkot

<u>Preface</u>

The main objective of any computer science student is to get practical knowledge as possible. Being able to have a practical knowledge by developing a project is a lifetime experience. As practical knowledge is important as theoretical knowledge we are thankful of having a project.

Through the development of the project we had a great experience of various strategies that can be applied in development of the project. This project is the stepping stone for our career.

We are pleased to present this project report. Proper case has been taken while organizing the report so that it is easy to comprehend. Also, various software engineering concepts have been implemented.

<u>**Acknowledgement**</u>

We are student of BCA sem-5 Studying in the Kamani Science College, Amreli. We Thanks to the entire person who has given their support in shaping of the system.

We thanks Mr.Nitesh chaudhari for giving us guidance and Co-operation in understanding the system. We also thanks them for their unconditional help in making of this project.

We have great deal of gratitude towards our head of department who encourage us in taking up this activity. We thank all faculties and administrative staffs of the institute.

Thanks to all !!
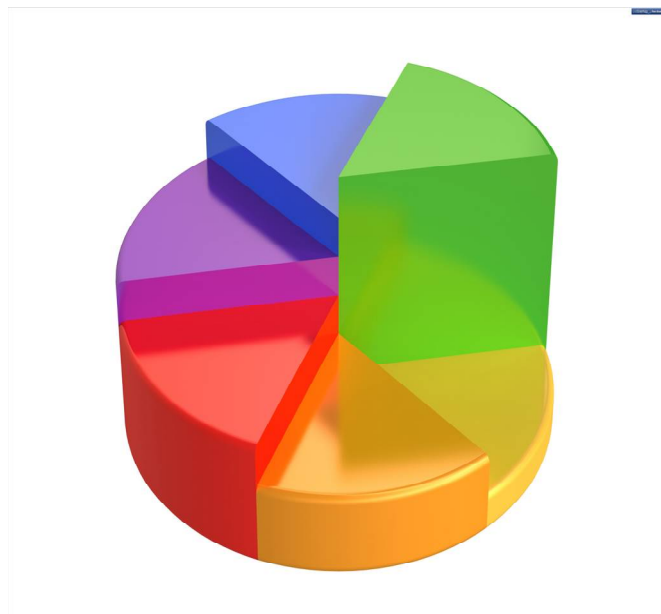
Chauhan Janki

Dobariya Nutan

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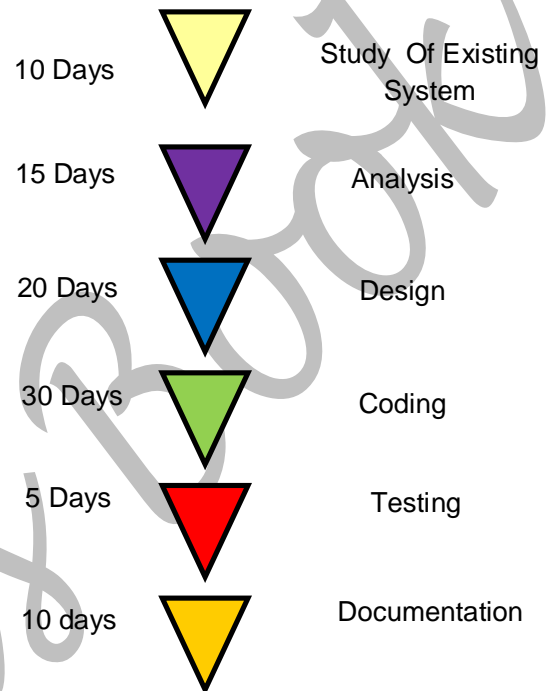
Chauhan Janki & Dobariya Nutan

__Introduction__

The Social Networking Site provides build people to be able to post requests, and to have other people who are part of their network to be able to respond to those requests.

1. People need to be able to sign up for an account on the site and add friends.

2. Need to be able to post a request

3. Need to be able to respond to a request (publicly or privately)

4. Need to be able to respond to the person who posted the response. If the person responded privately, then the response to them will be private. If the person responded publicly, the response to them can be public or private.

5. Would be nice to be able to search for people and see the results.

Time Line Chart

10 Days		Study Of Existing System
15 Days		Analysis
20 Days		Design
30 Days		Coding
5 Days		Testing
10 days		Documentation

Each Segment Specify a Day.

Project Profile

- Project Name   :   Friends Book (Social Networking Site)

- Developed by   :   Chauhan Janki
  Dobariya Nutan

- Front End tool   :   PHP, HTML, JavaScript, Dreamweaver

- Back End tool   :   MySQL

- Operating System: Microsoft Windows Xp & Microsoft Window 7

- Computer System: Pentium-IV or Higher, RAM: 256 MB

- Project Details   :   This site manage all the users
  Request, Response,
  Users scraps using CKEditor Full,
  Search using AJAX,
  show Album in Light Box,
  Video, Blog, and etc.

- Completion Time: 3 Months

- Guide by   :   Mr. Nitesh Chaudhari
  Mr. Alpesh Padariya

- Submitted by   :   Saurashtra University, Rajkot

Hardware Requirement

- 512+ MB of RAM
- Multimedia Keyboard And Mouse
- 1.0+ GHz Processor
- Monitor
- 32X CD Drive

Software Requirement

- Operating System   : Microsoft Windows Xp &Windows 7
- Front End Tools   : Html, Dreamweaver,
                                     JavaScript, Ajax and php
- Back End Tools   : MySQL
- Documentation Tools : Microsoft Word 2010
- Browser specification : Mozilla Firefox

Requirement Specifications

- ➢ MySQL RDBMS used to maintain the all concerned data.
- ➢ Uses special views to display data
- ➢ Display all types of data using classified reports with combinations of multiple tables.
- ➢ Special searching of Friends in network.
- ➢ Controlling the information regarding whole Network site.

Problem Definition

- ➢ Maintain Users Request
- ➢ Searching Friends in Network
- ➢ Maintain Users Response
- ➢ Maintain Users Scraps (Message)
- ➢ Maintain Users Privacy Settings
- ➢ Maintain Albums
- ➢ Maintain Blogs
- ➢ Video Gallery
- ➢ Private Messages
- ➢ Friends List

Project Planning & Scheduling

Social networking is a recent invention that has the Internet still at the edge of its seat due to its popularity with people. This is mostly because it really is for the people. Bringing every kind of social group together in one place and letting them interact is really a big thing indeed.

Before selecting of this subject, I have found its routine and most comman problems like Communication with high cost, No Builds Credibility, No Connections, and Time Consuming. Now these days the communication is so fast and users want to fast communicate with his/her friends and create their own video, blog, album and photo album and share with friends. I hope the project itself says more. The scheduling is given as under.

<u>System Analysis</u>

System analysis is the process of identification of objectives and requirements, evaluation of alternative solutions and recommendation for a more feasible solution. In other words, system analysis is the step by step process of gathering, recording and interpreting facts. The main aim of analysis is to determine problem areas and to take solutions to reduce or eliminate them.

➢ System analysis itself breaks into two stages:

1. Preliminary analysis

2. Detailed analysis

During analysis, data are collected from the available files, decision points and transactions of the systems using various tools like Data Flow Diagram (DFD).

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Feasibility Study

Apurpose of feasibility study is to check out the possibility of a computerized solution to the organization's observed problem before very much money that has been spent on.

A feasibility study is carried out to select the best system that meets performance requirements. Only by spending the time to evaluate the feasibility do I reduce the chances for extreme embarrassment at later stage of the system project.

For the complete feasibility study I need to concentrate on following area:

They are of Three types:

1. Technical
2. Operational
3. Economical

➢Technical

Technical feasibility considers whether the desired project can be completed within the framework of available technology. As our project was website designing, this was not much of a problem, as many advanced web-editing tools are available.
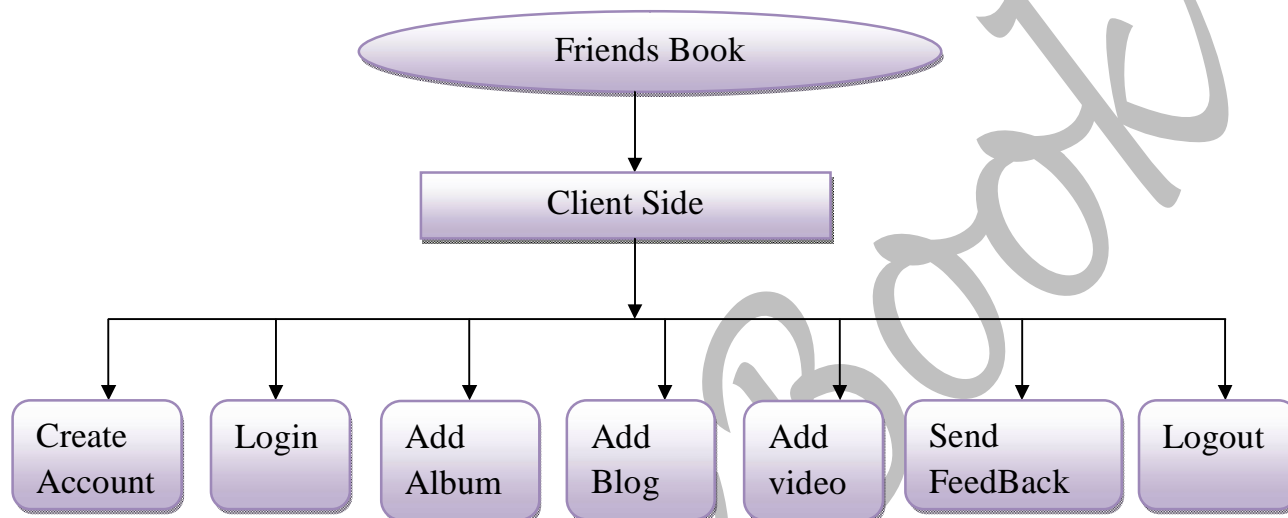
➢Operational

Operational feasibility was done to assure that the product that would be developed would be used. Since a cards and gifts has to have a website of its own sooner or later, that wasn't much of a problem.
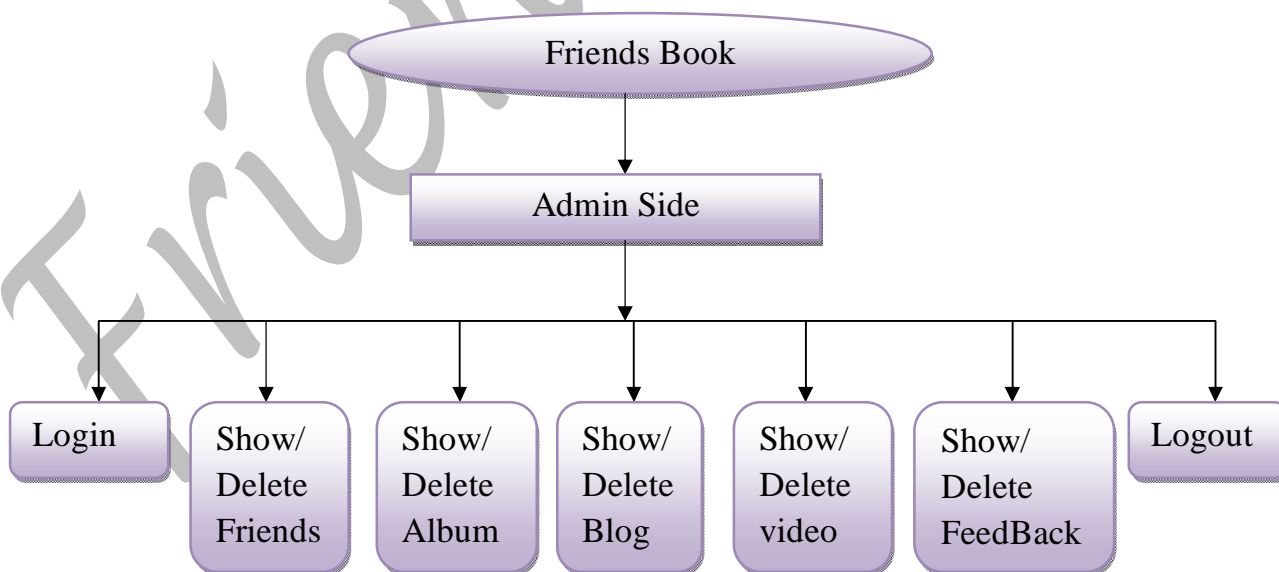
➢Economical

Our Commercial Website is Economically Feasible Because. We have developed this website only for one time. Only future enhancement is required on the other hand every client can view our site any time or many time as per their requirement. So the future economical expenses are null. So we can say that this website is totally economically feasible.

Project Page Structure

➢ Client Side

Friends Book → Client Side → Create Account, Login, Add Album, Add Blog, Add video, Send FeedBack, Logout

➢ Admin Side

Friends Book → Admin Side → Login, Show/Delete Friends, Show/Delete Album, Show/Delete Blog, Show/Delete video, Show/Delete FeedBack, Logout

<u>Data Dictionary</u>

The data Dictionary is a set of table. MySQL uses it to maintain information about his own database.

➢ **Data dictionary contains the following information:**

✓ Name of the table of database .
✓ User information such as priviliges.
✓ Name and data-type of all columns in database table.

Database Name : Friend.sql

1. Album
➢ This table is used to store Album information.

Field	Type	Null	Key
a_id	int(4)	No	Primary
a_user_id	int(4)	No	
a_img	longtext	No	
a_up_date	longtext	No	

2. Friends
➢ This table is used to store Friends information.

Field	Type	Null	Key
f_id	int(4)	No	primary
f_is_id	int(4)	No	Foreign
f_of_id	int(4)	No	
f_status	int(1)	No	

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3. Message
> This table is used to store Message information.

Field	Type	Null	Key
m_id	int(4)	No	Primary
m_from_id	varchar(4)	No	Foreign
m_to_id	varchar(4)	No	Foreign
m_desc	longtext	No	
m_date	varchar(30)	No	
m_privacy	int(11)	No	

4. Suggestion
> This table is used to store Feedback information.

Field	Type	Null	Key
s_index	int(11)	No	primary
s_fnm	varchar(30)	No	
s_email	varchar(30)	No	
s_mo_no	longtext(10)	No	
s_msg	longtext	No	
s_date	varchar(30)	No	

5. Video
> This table is used to store Video information.

Field	Type	Null	Key
v_id	Int	No	Primary key
v_user_id	int	No	
v_nm	Varchar2	No	
v_img	Longtext	No	
v_up_date	Longtext	No	

6. User

> This table is used to store all User's information.

Field	Type	Null	Key
u_id	int(4)	No	primary
u_fnm	varchar(30)	No	
u_nm	varchar(10)	No	
u_email	varchar(30)	No	
u_pwd	varchar(30)	No	
u_dob	varchar(30)	No	
u_img	longtext	No	
u_gender	varchar(4)	No	
u_aboutme	longtext	No	
u_city	varchar(10)	No	
u_state	varchar(10)	No	
u_country	varchar(10)	No	
u_contactno	bigint(20)	No	
u_status	longtext	No	
u_sq	Varchar(20)	No	
u_sa	Varcahr(10)	No	

7. Login

> This table is used to store Login information.

Field	Type	Null	Key
l_id	Int	No	Primary key
l_nm	Varchar2	No	
l_pwd	Varchar2	No	
l_time	Longtext	no	

8. Admin

> This table is used to store Admin information.

Field	Type	Null	Key
ad_nm	Varchar2	No	
ad_pwd	Varchar2	No	

9. **Blog**
   ➢ This table is used to store Blog information.

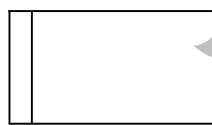| Field	Type	Null	Key
b_id	Int	No	Primary key
b_user_id	Int	No	
b_title	Varchar	No	
b_img	Varcahr	No	
b_des	Longtext	No	
b_date	Longtext		

Data Flow Diagram

The DFD gives brief idea on how the designed system is working. It also suggests to us the type of users who using this system and the process involved in the system.
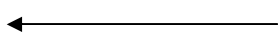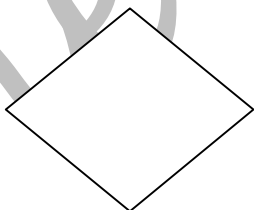
Represent Data Flow
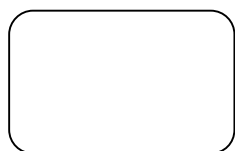
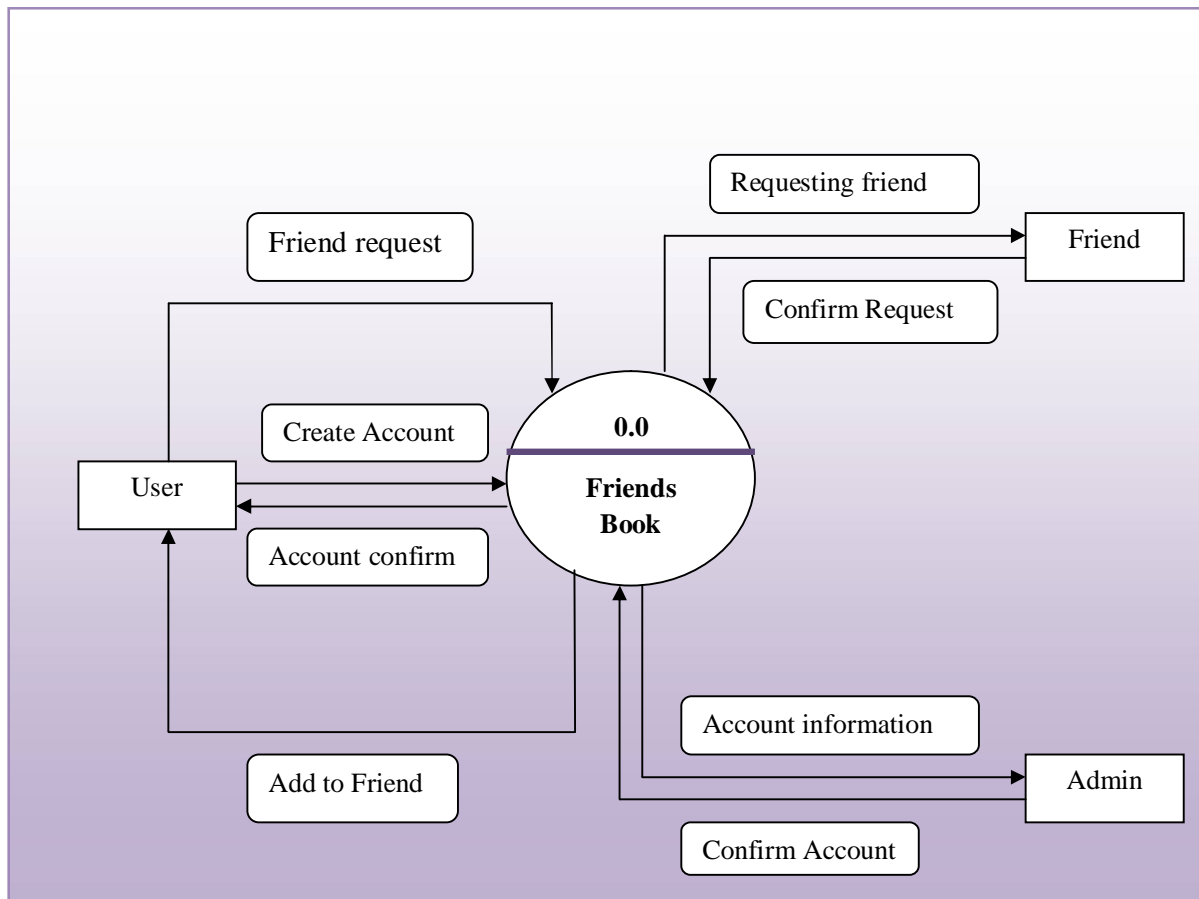Represent a Form

Represent a Data Table
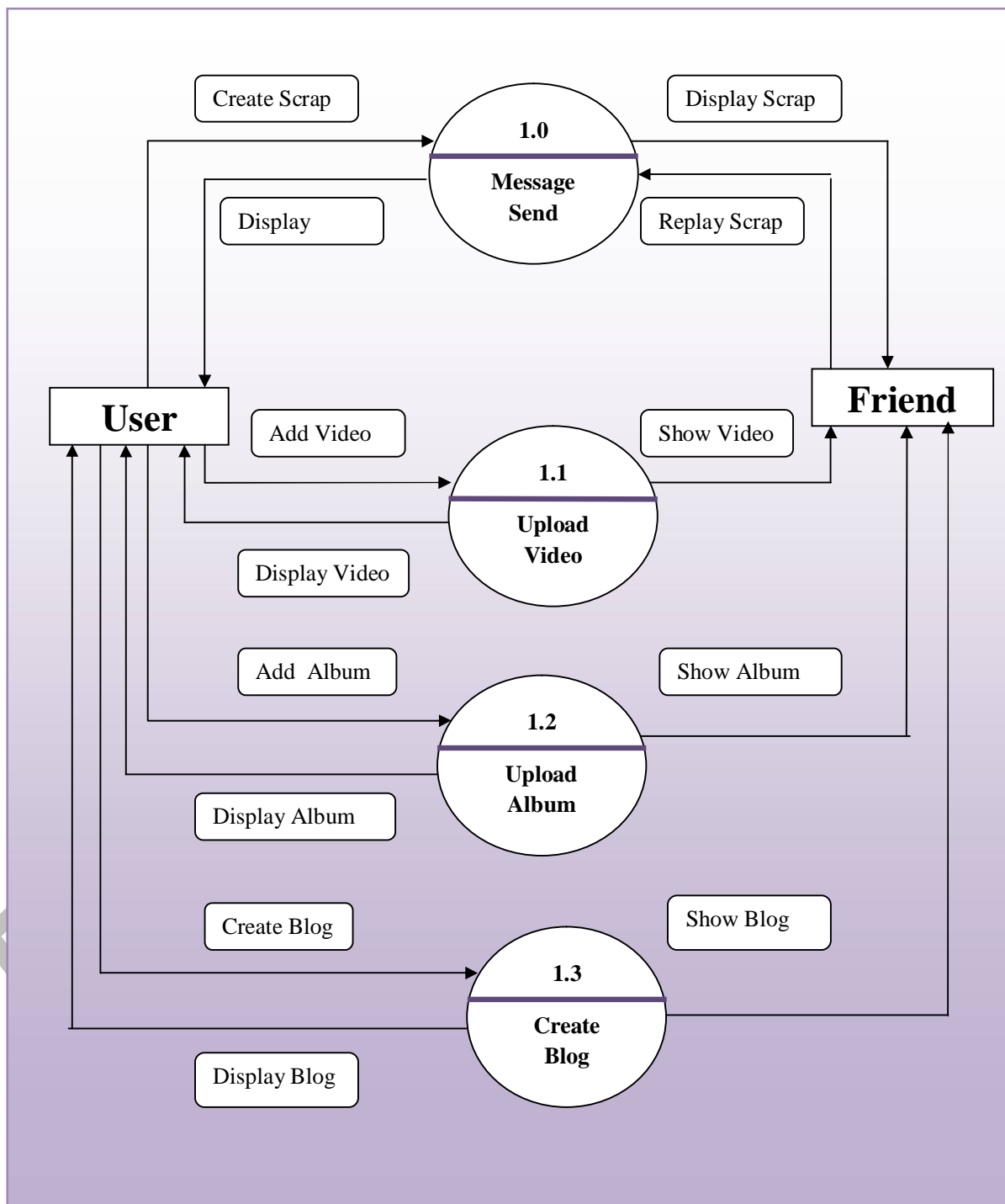
Represent a Report

Represent a Decision

Represent a Processing

Context level Diagram

1st level Diagram

Create Scrap

Display Scrap

1.0

Message Send

Display

Replay Scrap

User

Friend

Add Video

Show Video

1.1

Upload Video

Display Video

Add Album

Show Album

1.2

Upload Album

Display Album

Create Blog

Show Blog

1.3

Create Blog

Display Blog

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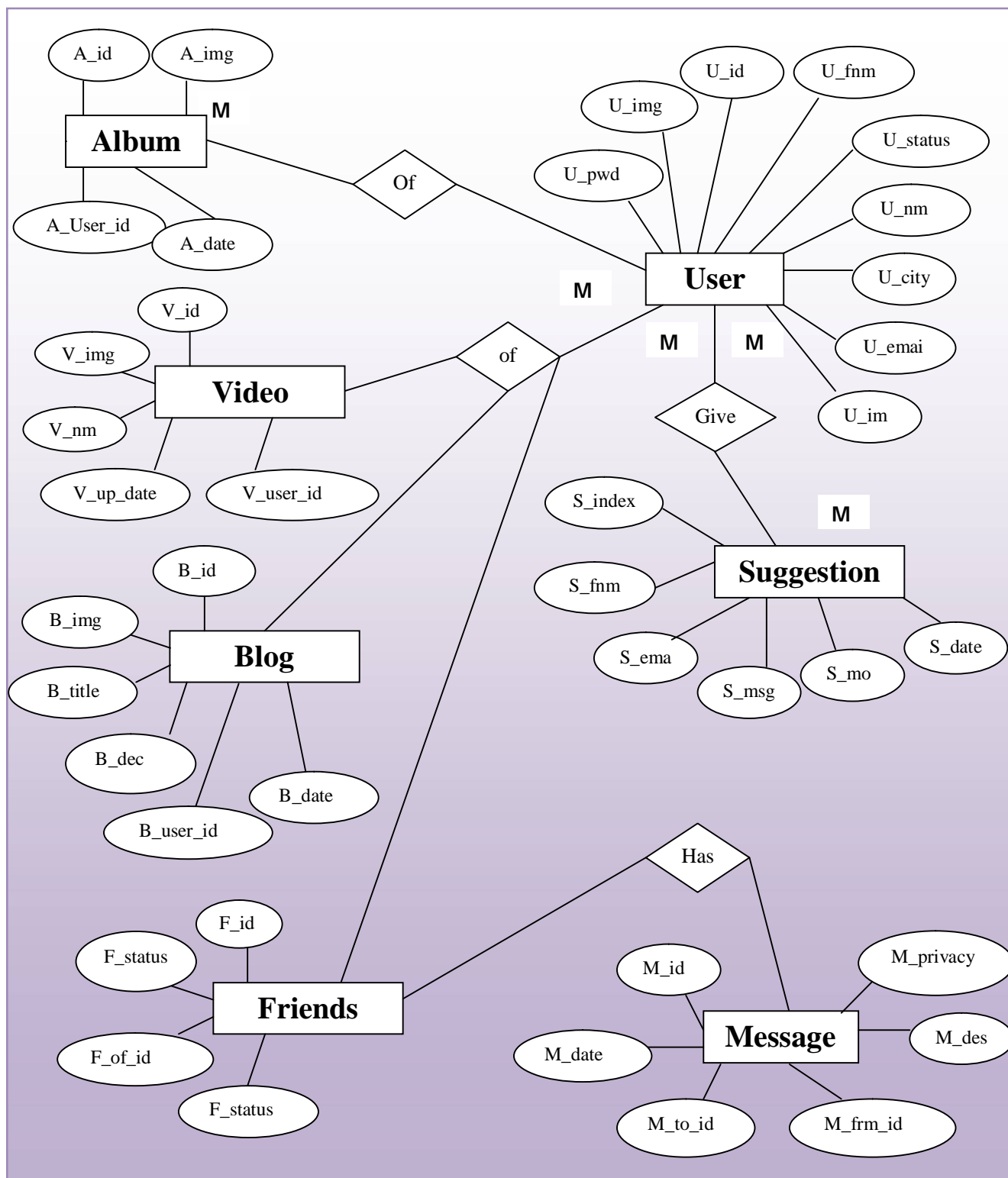
ER - Diagram

Usecase Diagram

➤ Admin Side

- Login
- view Friends
- View Photos
- View Blogs, Video
- View Feedback
- Log Out

➤ Client side

- Create Account
- Login
- Profile Update
- Add photos
- Add video, Blogs
- Feed Back
- Log Out
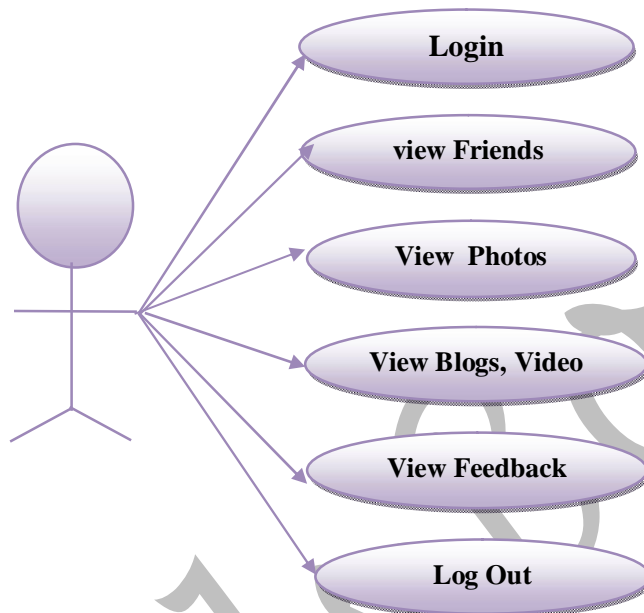
Activity Diagram

Client side

Admin side

```
                    ●  (start)
                    │
                    ▼
              ┌──────────┐
              │  Login   │◄───────────┐
              └──────────┘            │
                    │                 │
                    ▼                 │
                 ╱──────╲             │
                ╱ Check Id?╲          │
                ╲ & Password╱   Invalid│
                 ╲──────╱             │
          Valid     │                 │
                    ▼                 
   ┌──────┬──────┬──────┬──────┬──────┐
   ▼      ▼      ▼      ▼      ▼
┌──────┐┌──────┐┌──────┐┌──────┐┌──────┐
│View &││View &││View &││View &││Log Out│
│Delete││Delete││Delete││Delete││      │
│Friends││Photo ││Video,││Feedback│    │
└──────┘└──────┘└──────┘└──────┘└──────┘
                                   │
                                   ▼
                                   ◉ (end)
```
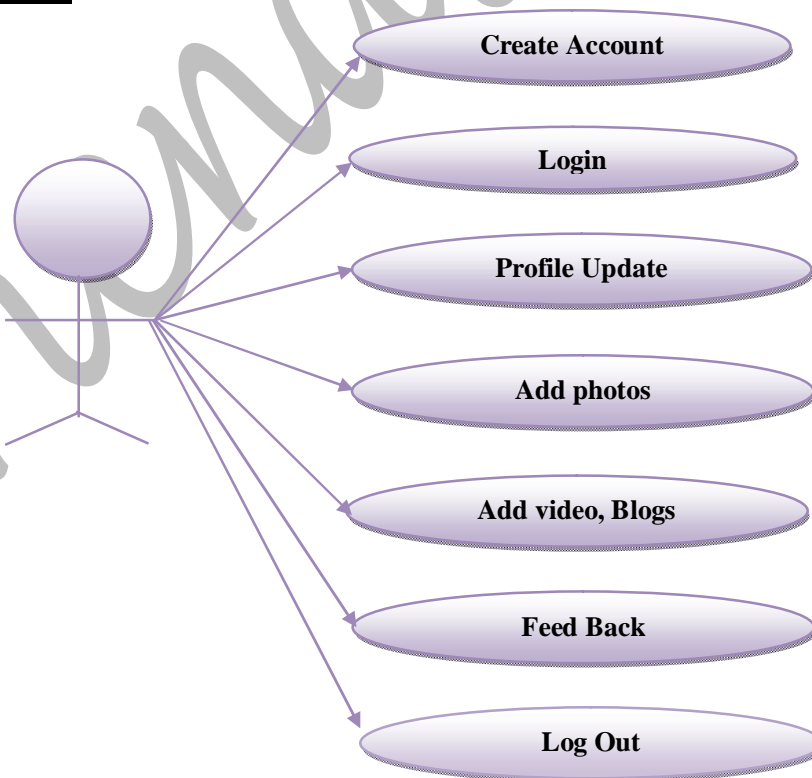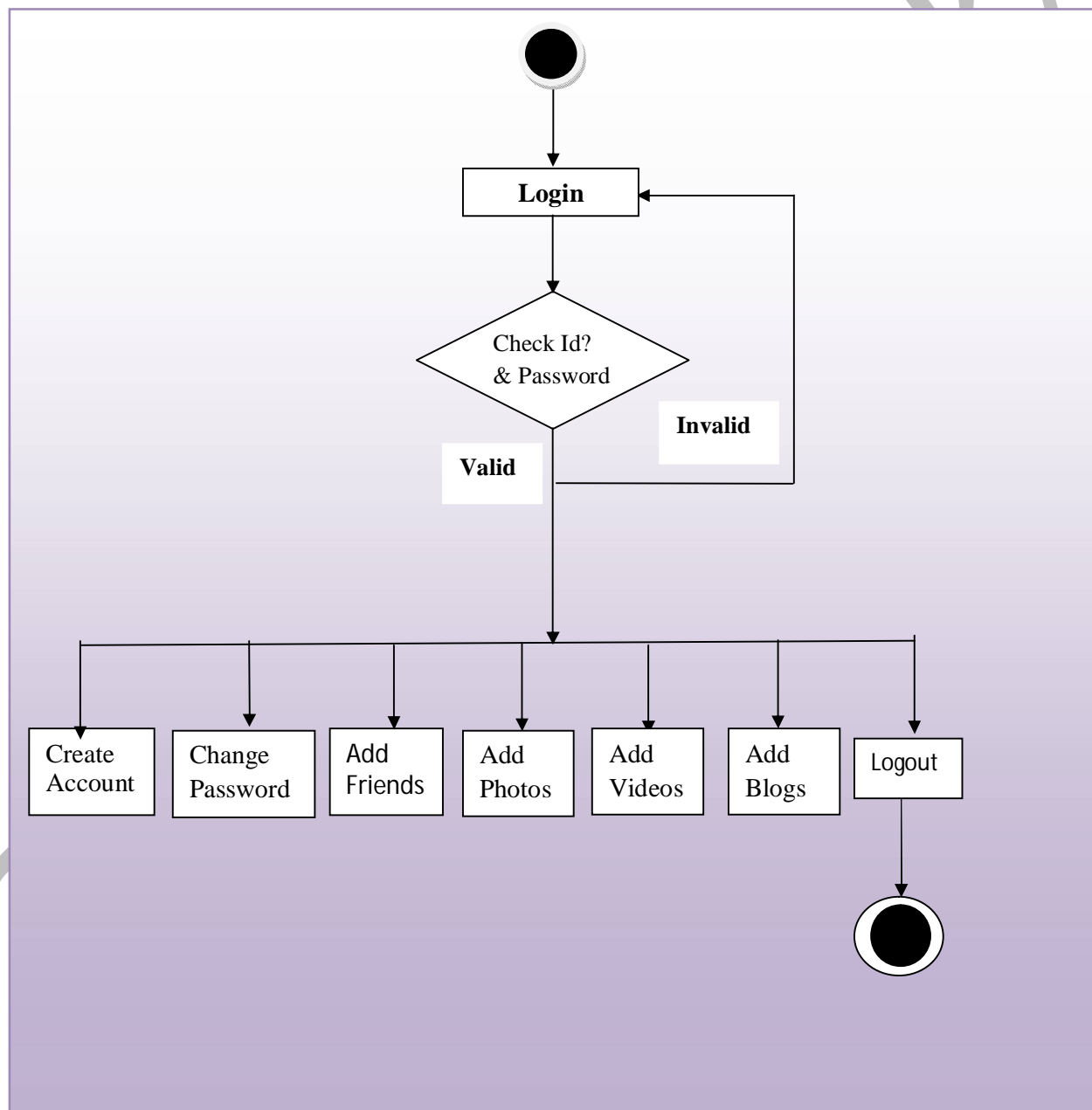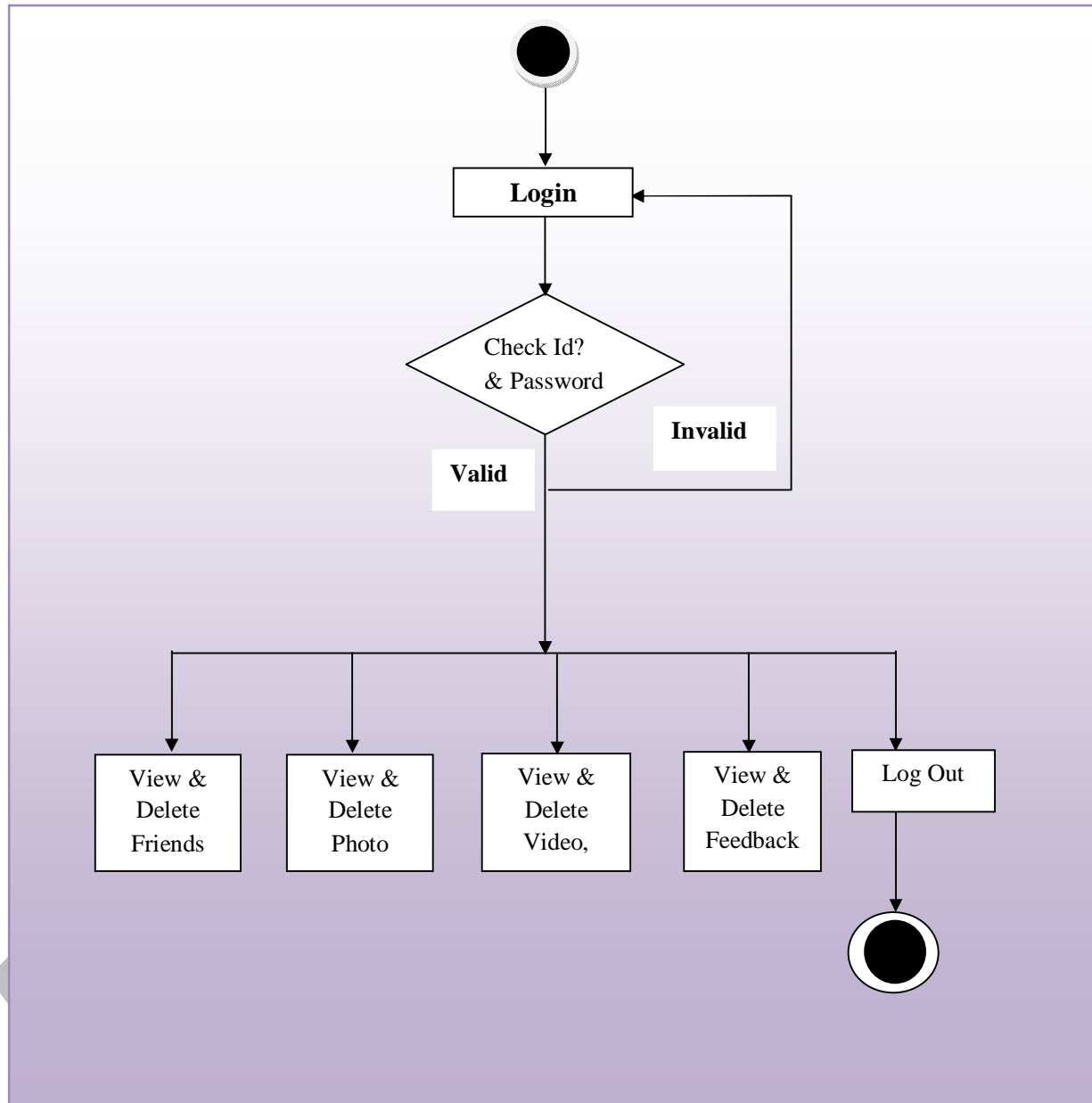
<u>Screen Shot</u>

<u>Future Scope</u>

The future scope of this website can add more functionality like more security and privacy settings. Add song and video setting to the users. Providing more themes to the users.

<u>Bibliography</u>

1. PHP Manual
2. Professional PHP (Wrox Publication)
3. www.google.com