



ENGINERIN` GAMES \$tudy mAtErIAL :- Be Awesome & Take your Knowledge to the Next Level

[Home](#) | [Games](#) | [Projects](#) | [Contact Us](#) | [About](#) | [Download Books](#) | [LAB Work](#) | [Notes](#)

Monday, 30 March 2015

Search here

## Slideshow

ABSTRACT @

Unknown

View my complete profile

Find what you want

AIRLINE RESERVATION SYSTEM

(11) COMPILER DESIGN

LAB (1) DATABASE LAB

WORK (1) Friends Media--

Social Networking Website (1)

### Popular Posts



PROJECT ON AIRLINE RESERVATION SYSTEM (CHAPTER 1)



SYSTEM ANALYSIS & DESIGN (CHAPTER 6)



Project On Social Networking Website -- Friends Media



COMPILE R DESIGN LAB.



DATABASE DESIGN (CHAPTER 8)



STUDY OF EXISTING SYSTEM (Chapter 2)

Posted by Unknown at 13:14 No comments:

## Project On Social Networking Website -- Friends Media

### CHAPTER 1 : OVERVIEW

#### 1.1 INTRODUCTION

Social Networking - It's the way the 21st Century communicates now. Social networking is the grouping of individuals into specific groups, like small rural communities or a neighborhood subdivision. Although social networking is possible in person, especially in the workplace, government institutions, universities, colleges, and schools, it is most popular online. This is because unlike most these institutions, the Internet is filled with millions of individuals who are looking to meet other people.

Social network is the mapping and measuring of relationships and flows between people, groups, organizations, computers, URLs, and other connected information/knowledge entities. The nodes in the network are the people and groups while the links show relationships or flows between the nodes. Social network provides both a visual and a mathematical analysis of human relationships. "Social networking sites help you get in touch with those people whom you longer meet in your everyday life such as buddies from school, colleges or work".

A social networking service is an online service, platform, or site that focuses on facilitating the building of social networks or social relations among people who, for example, share interests, activities, backgrounds, or real-life connections. A social network service consists of a representation of each user (often a profile), his/her social links, and a variety of additional services. Most social network services are web-based and provide means for users to interact over the Internet, such as e-mail and instant messaging. Online community services are sometimes considered as a social network service, though in a broader sense, social network service usually means an individual-centered service whereas online community services are group-centered. Social networking sites allow users to share ideas, activities, events, and interests within their individual networks.

Social networking sites are not only for one individual to communicate or interact with other people globally but, this is also an effective way for business promotion. A lot of business minded people these days are now doing business online and use these social networking sites to respond to customer queries. It isn't just a social media site used to socialize with one's friends but also, represents a huge pool of information from day to day living.

Social Networking Website project itself is a huge project comprising various features like profile updating, friend's list organization and various other applications to enhance the overall look and feel of the website. However, in this project, we are basically working on two essential features or modules (PROFILE MANAGEMENT & FRIENDS ORGANIZATION ).

PROFILE MANAGEMENT module maintains the profile of a user like name, likes, dislikes, hobbies, status etc.

FRIENDS ORGANIZATION module maintains the friend list, handles request and sends request to the other user.

Profiles and Friends lists are two key features on social network sites. The third one is a public comment feature such as 'Comments', 'The Wall' which allow individuals to comment on their Friends' profiles. These comments are displayed prominently and visible to anyone who has access to that profile.

## **1.2 OBJECTIVE OF THE PROJECT :-**

The main objective of this website is to provide an informal communication environment which allows users to interact within an online community of friends. In details as follows:-

1. To develop an attractive and user friendly social media website.
2. Make new user account in more user friendly and proper validation of details.
3. Search friends easily on entire network.
4. Send friend request to other users to make friends.
5. Add friends to your friend box to accept request.
6. Creating a public profile having a social, professional and personal information .
7. Ease of editing of profile any time you need.
8. Upload and share photographs on network.
9. Add , search and share videos of Youtube.
10. Send messages to other friends.
11. Reply directly to incoming user scraps.
12. Admin control to keep an eye on user operation.
13. Easily password recovery processing.



SYSTEM  
IMPLEME  
NTATION  
(CHAPTER 9)



SCREEN  
LAYOUT  
(CHAPTER  
11)



FEASIBILI  
TY STUDY  
(CHAPTER  
4)



APPLICATI  
ON  
DESIGN  
(CHAPTER 7)

## Archives

▼ 2015 (16)
▼ March (16)
Slideshow
Project On Social Networking Website -- Friends Media
DATABASE LAB WORK
How To Insert Table In Blog Using

## Total Pageviews

## Live Traffic Feed

Real Time View

Powered By www.livewebtraffic.co



14. A wall to connect and share information on network.
15. Game playing.
16. Search jobs and add jobs.
17. Selling and purchasing products.

### **1.3 PROBLEM STATEMENT :-**

We define social network sites as web-based services that allow individuals to construct a public or semi-public profile within a bounded system, articulate a list of other users with whom they share a connection, and view and traverse their list of connections and those made by others within the system. The nature and nomenclature of these connections may vary from site to site.

There are three types of user who can visit the site, namely

- 1) **Master admin :-**The admin has full right and control over all aspects of the site. He/She will create a user profile template with custom questions for capturing demographic information about user. Admin can change/create/delete categories, flag/un-flag users, create/delete topics and to attain all replies.
- 2) **Registered User :-**Registered user can avail all the facilities provided on the site. He/She can create his/her own profile, blog, upload images and videos , and can chat with others.
- 3) **General user :-** All visitors of the site have to register him -selves/her-selves to avail the facilities provided by the site. He/She has to become a member first and then can interact with other members. The facility for search job & selling and purchasing....

### **1.4 SCOPE OF THE PROJECT :-**

The Friends Media social networking website is an online website designed to make social life of people more active and stimulating. The social network can help you maintain existing relationships with people and share pictures and messages, and establish new ones by reaching out to people you've never met before. This system provides the user to maintain their friend list and update. It also provides user to send invitation to another friend and can add to their friend list. This website provides features like searching & posting jobs all at one place. The main idea behind job module is to provide facility for job opportunities and career improvement. This provides a forum to share your thoughts with all your friends which can be read by all the users using the website and this can be handled by the user as he/she wants for example upload videos and photos and can maintain it's own album also. People using this website can buy and sell products. The main purpose behind this activity is to help people to buy products which are trusted in their circle .

#### **Other Features :-**

- Secure access of confidential data by user name and password. This application is secure for every kind of its users, because if any user logout from any session then nobody will be able to access his profile without knowing his confidential password.
- 24 X 7 availability
- Better component design to get better performance at peak time.
- Flexible service based architecture will be highly desirable for future extension .
- The database used here is robust, reliable & fast. So users will have to wait for the output very short time.
- This application can be accessed from any type of platform.



- There is no case of redundancy in the database so it will not take extra memory space.
- Validation of registration will be done by a confirmation mail send to user account.
- Password recovery system is also provided in case of forgetting the password.

### **1.5 BENEFITS OF FRIENDS MEDIA :-**

Friends Media makes it easy to find people who share your hobbies and interests, look for romantic connections or establish new business contacts .You can create and join a wide variety of online communities to discuss current events, reconnect with old school mates or even exchange your thoughts. It provides facilities to play games, search jobs ,add jobs, buy and sell products of your choice. Important latest News items are also included to facilitate one's awareness. To join Friends Media, simply register yourself to the website and you can begin to create your own profile right away. It is our mission to help you create a closer, more intimate network of friends. We hope to put you on the path to social bliss soon.

### **1.6 ADVANTAGE & DISADVANTAGE OF SNS :-**

Advantages :-

- 1) Create and maintain many relationships.
- 2) Facilitates open communication leading to enhanced information discovery and delivery.
- 3) Provides ability to participate and contribute.
- 4) Allows to discuss ideas, post news, ask questions and share links.
- 5) Provides opportunities to widen business contacts.
- 6) SNS are free of cost.
- 7) Easy to communicate and connect with people.
- 8) Can track activities of competitors.
- 9) Addictive – SNS can become addictive. It can take over one's life, leaving little time for family and friends.

Disadvantages :-

- 1) Online harassment
- 2) Creating false profile
- 3) Chances of malware additions (virus)
- 4) Time waste
- 5) Privacy issues with FB and Twitter – don't accept people you don't know .
- 6) Replication of themes from one SNS to another is annoying.

## **CHAPTER 2 : STUDY OF EXISTING SYSTEM**

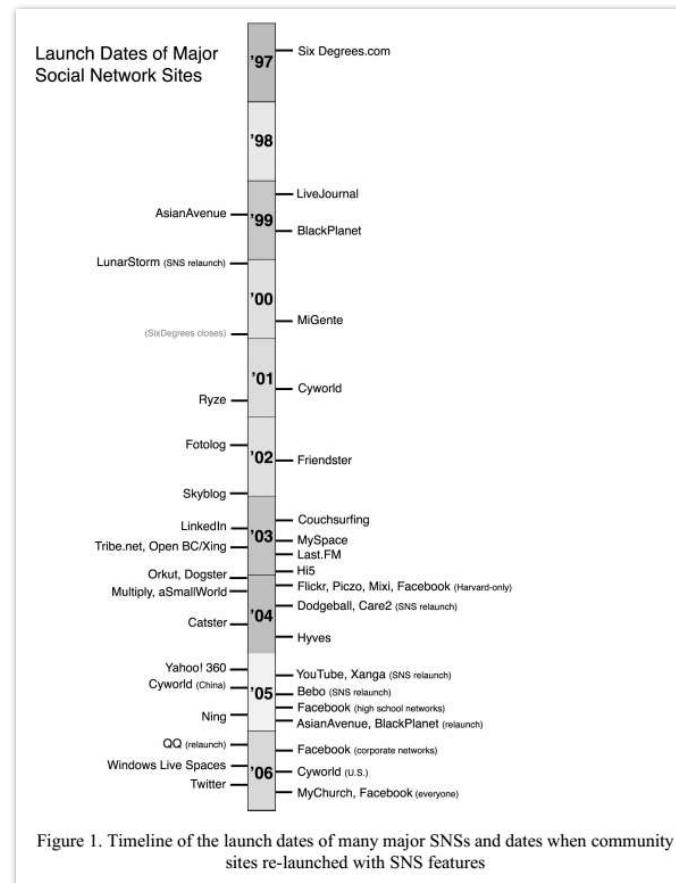
We have visited several social networking sites and our observations on these are mentioned below. Majority of the SNS possess common features such as Photo Uploading, Private Message Sending, Public Message Posting, Video Uploading, Blog, Search friends etc.

- 1) **Facebook :-** This website was launched on February 4, 2004, by Mark Zuckerberg. Membership includes approximately 85 percent college students , targets students and younger people. It is one of the most popular sites today.
- 2) **Orkut :-** It is owned and operated by Google. As of March 2013, 47% of Orkut's users were from Brazil, followed by India with 16.1% and United States with 7.3%. On June 30, 2014, Google announced it would be



closing Orkut on September 30, 2014. No new accounts could be created starting from July 2014. Users can download their profile archive by Google Takeout.

- 3) **Twitter :-** In 2013 Twitter was one of the ten most visited websites. Twitter is an online social networking service that enables users to send and read short 140-character messages called "tweets". It is a micro blogging application that is more or less a combination of instant messaging and blogging. Registered users can read and post tweets, but unregistered users can only read them. Twitter was created in March 2006 by Jack Dorsey, Evan Williams, Biz Stone and Noah Glass and by July 2006 the site was launched.
- 4) **Myspace :-** More than 80 million profiles created; Second most viewed site in America . It is a social networking service with a strong music emphasis owned by Specific Media LLC and Justin Timberlake. Myspace was launched in July 2003
- 5) **LinkedIn :-** LinkedIn helps people with employment via online networking . Join a Group for join discussions and view job postings. It is a business-oriented social networking service. Founded in December 2002 and launched on May 5, 2003, it is mainly used for professional networking. The site is available in 20 languages,



Various activities involved in Social Networking are shown in the figure :



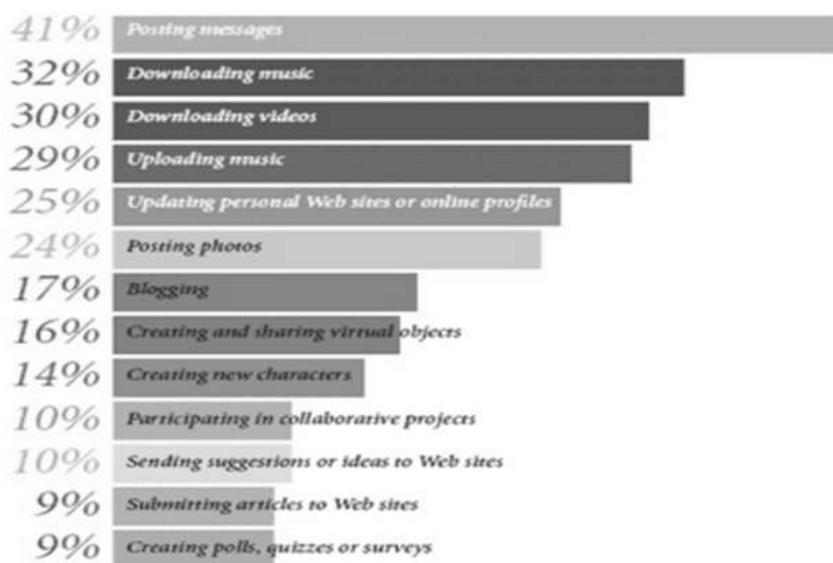


Fig 2 Various activities involved in Social Networking

### Social Networking Fact Sheet

Highlights of the Pew Internet Project's research related to social networking. As of January 2014, 74% of online adults use social networking sites.

<b>Who uses social networking sites</b>	
% of internet users within each group who use social networking sites	
All internet users	74%
a Men	72
b Women	76
a 18-29	89
b 30-49	82
c 50-64	65
d 65+	49
a High school grad or less	72
b Some college	78
c College+	73
a Less than \$30,000/yr	79
b \$30,000-\$49,999	73
c \$50,000-\$74,999	70
d \$75,000+	78

Fig 3 Highlights of the Pew Internet Project's research

As of September 2014:

- 71% of online adults use Facebook
- 23% of online adults use Twitter
- 26% use Instagram



- 28% use Pinterest
- 28% use LinkedIn

## CHAPTER 3 : PROJECT FEATURE

1. For new user, he/she has to enter his/her details with agreement of terms and condition of the site. For this purpose the user has to register by entering basic details i.e. First name, Last name, Email, Password, Birthday, and Gender. On submission, a confirmation email from Friends Media will be sent immediately along with an activation link to proceed further to the user's registered email. Clicking on the activation link a new page will be displayed asking further details of the user such as his/her address , mobile number, qualification etc and user has to fill and submit for successful registration.
2. For “login” the user has to enter his/her email and password. If user enters valid information he/she will get logged in and home page will get displayed .
3. User can logout any time by clicking logout link. After a few second a screen will appear showing the index page of the site.
4. This page contains various links like Wall, Profile, Friends, Photo, Job, Post, Video, Games, Sales, and News. It also contains name with photo and some basic details of the user. List of friends along with photo are also displayed. This page also includes latest news items uploaded by the administrator.
5. The wall page is provided for the registered user to express his/her feelings or thoughts with a wall status. Other user can post his/her thoughts, views, opinions, experience and observation etc . The visitors can record their observations , like, or dislike.
6. The user can edit his/her profile details, if wishes to do so.
7. For search/add friends, there is a friend link option on user's homepage. From there he/she can add friends and then can see their profiles. This will facilitates the user to add new friends and exchange views/ thoughts etc.
8. An option is provided for adding video to the user's profile. For video link we have used YouTube API. The ‘Embed’ details for that video will get added to video tables.
9. An option for adding photo has been provided. Under Photo link there are two options “Add Gallery” and “Add Photo”. First, the user has to create Gallery Name and then add Photo. All the images added by the user will get displayed on his/her wall.
10. User can play games at any time of his/her own choice. Some selected games like Candy Crush Saga, Pacman , Zombie, Pool have been included.
11. User can give his/her comments, like/dislike and share on text, images and videos. Update facility is also provided to facilitate the user to post any thing like images or videos etc which can be viewed by permitted user. After viewing the post , the specific user can respond their comments.
12. User can sell or purchase anything as per his/her convenience. For sell the user has to provide photos, brand names, type , important details of the product along with price. The reason for sale is also to be mentioned. Interested user who want to buy the item has to contact the owner and settle the deal.
13. The user can see various jobs listed on his wall page. For this purpose – Title , Location, and detail of the job can be added by the user, and thereafter this will be available to all users.
14. To control and maintain the website, admin module has been added. The admin is responsible for smooth functioning of the website. The admin is authorized to screen any information and can modify/delete if required.



He/She is also responsible to update /add latest news.

## CHAPTER 4 FEASIBILITY STUDY

A detailed investigation and analysis conducted to determine the financial, economic, technical, or other advisability of a proposed project. Part of the systems development life cycle which aims to determine whether it is sensible to develop some system. The most popular model of feasibility study is "TELOS", stands for Technical, Economic, Legal, Operational, Schedule.

- **Technical Feasibility :-** The software required to develop the system as well as to run it are easily accessible and free of cost and hence it is technically feasible.
- **Economic Feasibility :-** The system is simple, user friendly set up and personalization, cost efficient/free, Easily accessible and hence it is economically feasible.
- **Legal Feasibility :-** There is no conflict between the proposed system and legal requirements.
- **Operational Feasibility :-** The current work practices and procedures adequate to support the new system .The system is simple to use, easily accessible and free of cost and hence it is operationally feasible.
- **Schedule Feasibility :-** The system is developed within time limit.

## CHAPTER 5 : PROPOSED SYSTEM

### 5.1 Description of Languages & Tools used :-

The Friends Media is an online social networking website designed to make one's social life more active and stimulating. The languages and tools used are as follows

#### 5.1.1 PHP

PHP is a scripting language designed to fill the gap between SSI (Server Side Includes) and Perl, intended for the web environment. Its principal application is the implementation of web pages having dynamic content. PHP has gained quite a following in recent times, and it is one of the frontrunners in the Open Source software movement. Its popularity derives from its C-like syntax, and its simplicity. PHP is currently divided into two major versions: PHP 4 and PHP 5, although PHP 4 is deprecated and is no longer developed or supplied with critical bug fixes. PHP 6 is currently under development. PHP was designed by Rasmus Lerdorf to display his resume online and to collect data from his visitors.

PHP allows a static webpage to become dynamic. "PHP" is an acronym that stands for "PHP: Hypertext Preprocessor". The word "Preprocessor" means that PHP makes changes before the HTML page is created. This enables developers to create powerful applications which can publish a blog, remotely control hardware, or run a powerful website such as Wikipedia or Wikibooks. Of course, to accomplish something such as this, you need a database application such as MySQL.

PHP code is interpreted by a web server with a PHP processor module, which generates the resulting web page: PHP commands can be embedded directly into an HTML source document rather than calling an external file to process data. It has also evolved to include a interface capability and can be used in standalone graphical applications.

The PHP language was originally implemented as an interpreter, and this is still the most popular implementation. Several compilers have been developed which decouple the PHP language from the interpreter. Advantages of



compilation include better execution speed, static analysis, and improved interoperability with code written in other languages.

PHP includes free and open source libraries with the core build. PHP is a fundamentally Internet-aware system with modules built in for accessing File Transfer Protocol (FTP) servers, many database servers, embedded SQL libraries such as embedded PostgreSQL, MySQL, Microsoft SQL Server and SQLite, LDAP servers, and others. Many functions familiar to C programmers such as those in the studio family are available in the standard PHP build.

### **5.1.2 Database (Mysql)**

The Friends Media incorporates MYSQL for its database.

MYSQL is an open source relational database management system (RDBMS). It is commonly used for database services for other open source applications.

#### **Why do we use MYSQL Database?**

- Scalability and Flexibility**

The MYSQL database server provides the ultimate in scalability, sporting the capacity to handle deeply embedded applications with a footprint of only 1MB to running massive data warehouses holding terabytes of information.

- High Performance**

A unique storage-engine architecture allows database professionals to configure the MYSQL database server specifically for particular applications, with the end result being amazing performance results.

- High Availability**

Rock-solid reliability and constant availability are hallmarks of MYSQL, with customers relying on MYSQL to guarantee around-the-clock uptime.

- Robust Transactional Support**

MYSQL offers one of the most powerful transactional database engines on the market. Features include complete ACID (atomic, consistent, isolated, durable) transaction support, unlimited row-level locking, distributed transaction capability, and multi-version transaction support where readers never block writers and vice-versa.

- Web and Data Warehouse Strengths**

MYSQL is the de-facto standard for high-traffic web sites because of its high- performance query engine, tremendously fast data inserts capability, and strong support for specialized web functions like fast full text searches.

- Strong Data Protection**

Because guarding the data assets of corporations is the number one job of database professionals, MYSQL offers exceptional security features that ensure absolute data protection. In terms of database authentication, MYSQL provides powerful mechanisms for ensuring only authorized users have entry to the database server, with the ability to block users down to the client machine level being possible.

- Comprehensive Application Development**

One of the reasons MYSQL is the world's most popular open source database is that it provides comprehensive support for every application development need. Within the database, support can be found for stored procedures, triggers, functions, views, cursors, ANSI-standard SQL, and more.

- Management Ease**

MYSQL offers exceptional quick-start capability with the average time from software download to installation completion being less than fifteen minutes.

- Open Source Freedom and 24 x 7 Support**

Many corporations are hesitant to fully commit to open source software because they believe they can't get the type of support or professional service safety nets they currently rely on with proprietary software to ensure the overall success of their key applications. The questions of indemnification come up often as well.



- **Lowest Total Cost of Ownership**

By migrating current database-drive applications to MYSQL, or using MYSQL for new development projects, corporations are realizing cost savings that many times stretch into seven figures.

#### **5.1.3 PHP MyAdmin**

PHPMyAdmin is a free software tool written in PHP, intended to handle the administration of MySQL over the Web. PhpMyAdmin supports a wide range of operations on MySQL, Maria DB and Drizzle. Frequently used operations (managing databases, tables, columns, relations, indexes, users, permissions, etc.) can be performed via the user interface, while you still have the ability to directly execute any SQL statement.

Features provided by the program include:

1. Web interface
2. MySQL database management
3. Import data from CSV and SQL
4. Export data to various formats: CSV, SQL, XML, PDF (via the TCPDF library), ISO/IEC 26300 - Open Document Text and Spreadsheet, Word, Excel, LaTeX and others
5. Administering multiple servers
6. Creating PDF graphics of the database layout
7. Creating complex queries using Query-by-Example (QBE)
8. Searching globally in a database or a subset of it
9. Transforming stored data into any format using a set of predefined functions, like displaying BLOB-data as image or download-link
10. Live charts to monitor MySQL server activity like connections, processes, CPU/Memory usage, etc.

#### **5.1.4 Server(WAMP)**

WAMP Server is a Windows web development environment. It allows you to create web applications with Apache2, PHP and a MYSQL database. Alongside, PHPMYADMIN allows you to manage easily your database.

WAMP server is a collection of programs you can use to turn your regular desktop PC to a fully compatible web server with HTTP, PHP, MYSQL, PHPMYADMIN, SQLBUDDY applications. The advantage is that it is easy configurable with the built-in tools. Also it is structured in the way that you have everything you need at a click distance. The configuration screens provide extra information how settings should look like. Another thing would be that the packed applications are configured to be compatible between them, all being automatic configured, and you just unpack your script, database, application, run the installer.

#### **5.1.5 Hardware Requirements**

Processor	:	Intel Pentium IV 2.0 GHz and above
RAM	:	512 MB and above
Hard disk	:	80GB and above
Monitor	:	CRT or LCD monitor
Keyboard	:	Normal or Multimedia
Mouse	:	Compatible mouse

#### **Software Requirements**



Front End	:	WAMP
Language	:	PHP, HTML, CSS, JavaScript
Back End	:	PHP MyAdmin
Software	:	Adobe Photoshop, Dream Viewer, Cute FTP
Operation System	:	Windows XP or above
Browser	:	Any latest browser

## CHAPTER 6:- SYSTEM ANALYSIS & DESIGN

### 6.1 ER Diagram:-

The ER diagram is drawn to have a better understanding of the whole scenario, it was used to conceptualize the phenomena, actions and interactions between various entities and to arrive at the specific requirements in a comprehensive manner. The ER diagram is attached with this SRS.

The overall logic structure of database can be expressed by ER-Diagram, (Entity Relationship Diagram), which is built up with components: Entity Sets (shown as rectangles), Attributes (shown as ellipses), Relationships (shown as diamond) and Links (shown as lines). An entity is a thing or object in the real world that is distinguishable from other objects e.g. user, jobs, etc. The entities are described in a database by a set of attributes e.g. customer id, customer name, customer address etc. A relationship is an association among several entities e.g. post, search etc.



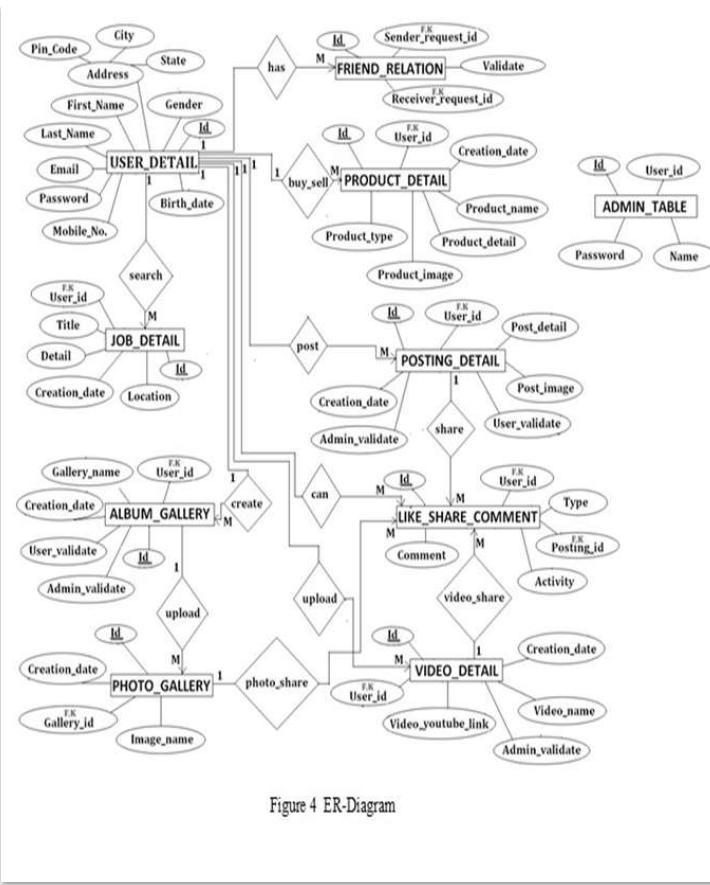


Figure 4 ER-Diagram

## 6.2 Data Flow Diagrams :-

Data flow diagrams (DFDs) reveal relationships among and between the various components in a program or system. DFDs are an important technique for modeling a system's high-level detail by showing how input data is transformed to output results through a sequence of functional transformations. The DFD (also known as the bubble chart) is a simple graphical formalism that can be used to represent a system in terms of the input data to the system, various processing carried out on those data, and the output data generated by the system. DFD is very simple formalism, simple to understand and use.

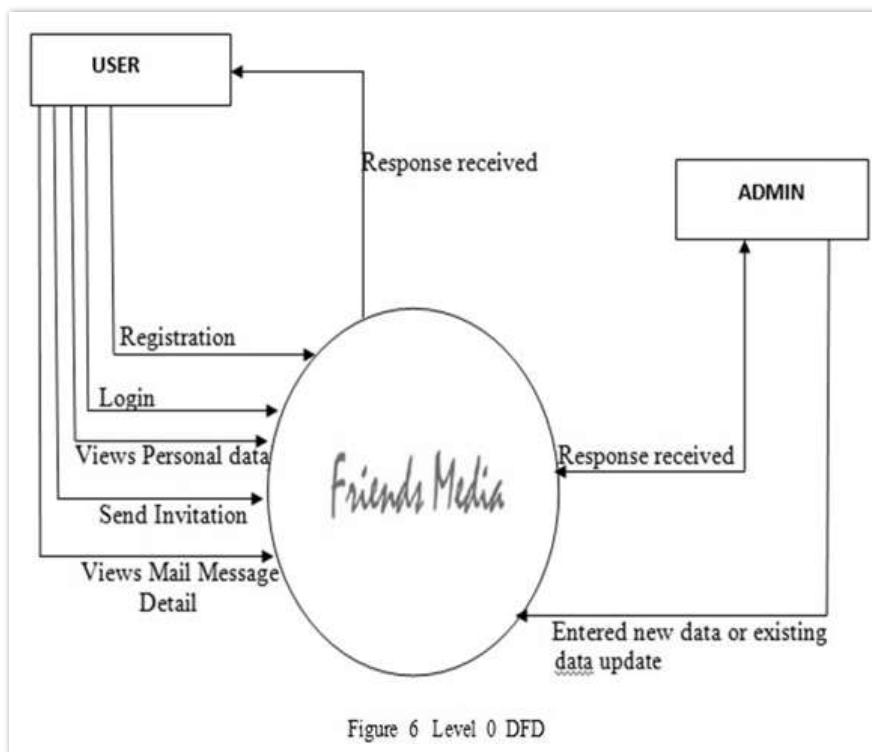
A DFD model uses a very limited number of primitive symbols to represent the functions performed by a system and the data flow among these functions. DFDs consist of four major components : entities, processes, data stores, and data flows. The symbols used to depict how these components interact in a system are simple and easy to understand. A set of DFDs provides a logical model that shows what the system does, not how it does it.

S.NO.	SYMBOL	NAME	DESCRIPTION
1	→	Data Flow	Represents the connectivity between various processes.
2	○	Process	Performs some processing of input data.
3	[ ]	External Entity	Defines source or destination of system data. The entity which receives or supplies information.
4	—	Data Store	Repository of data.

Figure 5 Symbol used in Dataflow Diagram

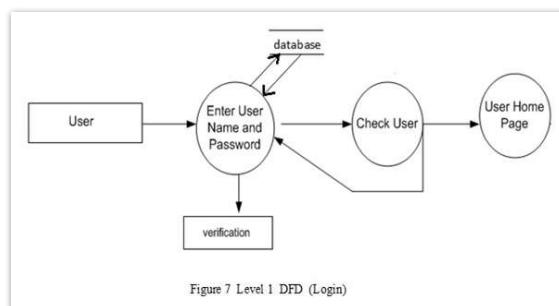


**0 Level DFD:-** A level 0 DFD, also called a fundamental system model or context diagram represents the entire software element as a single bubble with input and output data indicated by incoming and outgoing arrows, respectively.



#### 1 Level DFD :-

This level of DFD provide more detailed structure. It provides a detailed view of requirements and flow of data from 1 bubble to another.



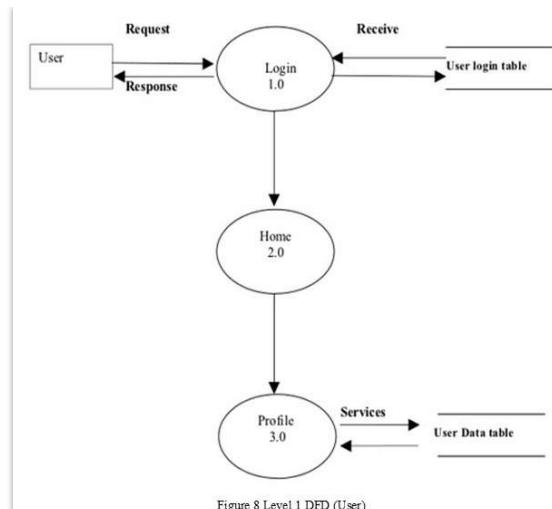


Figure 8 Level 1 DFD (User)

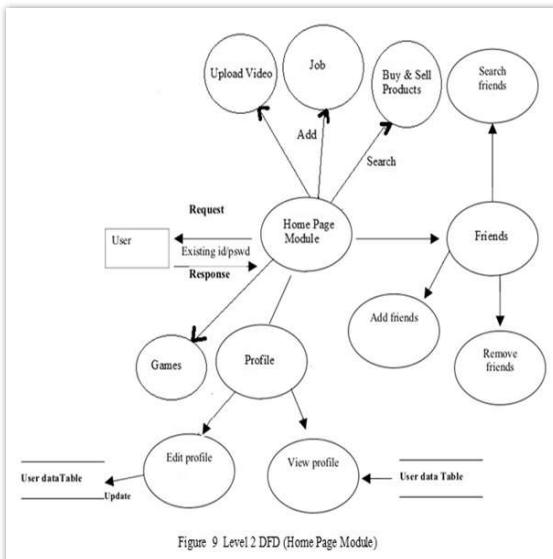


Figure 9 Level 2 DFD (Home Page Module)

### 6.3 Use-case Diagram

A use case diagram is a graphic depiction of the interactions among the elements of a system. A use case is a methodology used in system analysis to identify, clarify, and organize system requirements. In this context, the term "system" refers to something being developed or operated, such as a mail-order product sales and service Web site. Use case diagrams are employed in UML (Unified Modeling Language), a standard notation for the modeling of real-world objects and systems.

System objectives can include planning overall requirements, validating a hardware design, testing and debugging a software product under development, creating an online help reference, or performing a consumer-service-oriented task. For example, use cases in a product sales environment would include item ordering, catalog updating, payment processing, and customer relations. A use case diagram contains four components. The boundary, which defines the system of interest in relation to the world around it.

- The actors, usually individuals involved with the system defined according to their roles.
- The use cases, which are the specific roles played by the actors within and around the system.
- The relationships between and among the actors and the use cases.
  
- **Login/Registration**



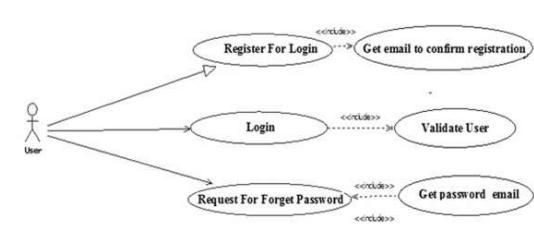


Fig 10 Login/Registration Use-Case Diagram

- Home Page

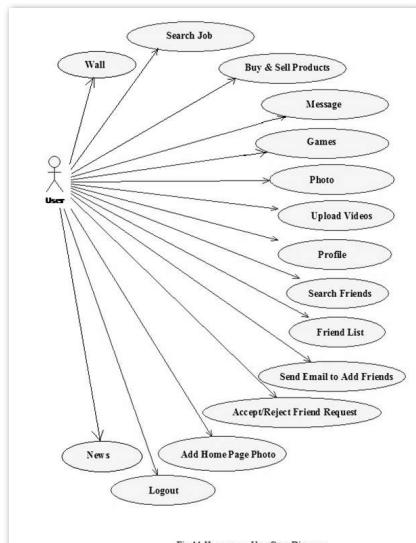


Fig 11 Homepage Use-Case Diagram

- Admin

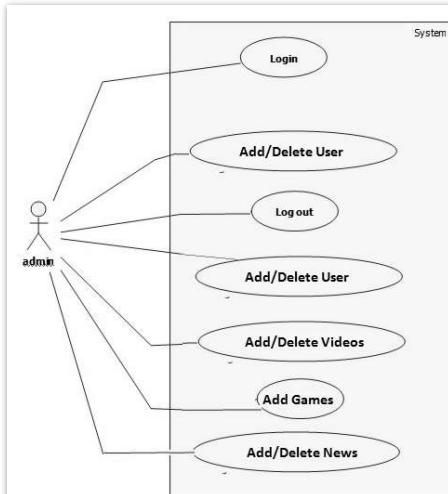
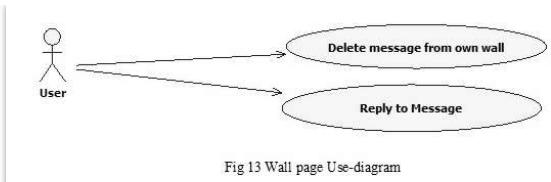


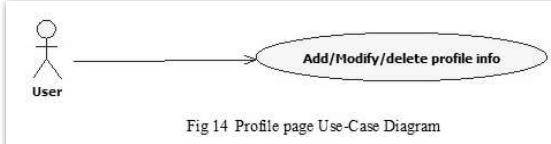
Figure 12 Admin Use-Case diagram

- Wall Page

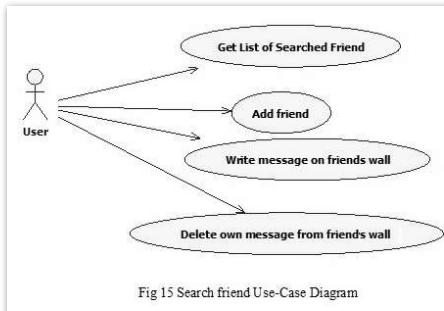




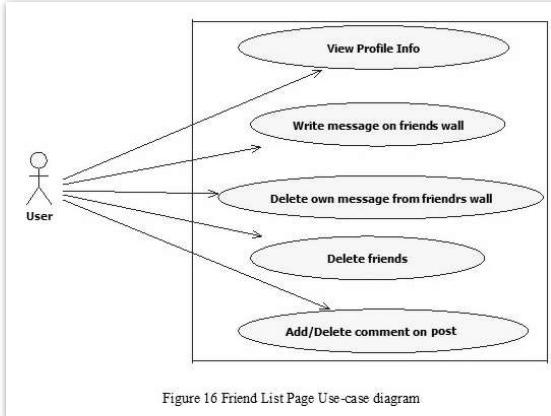
- Profile Page



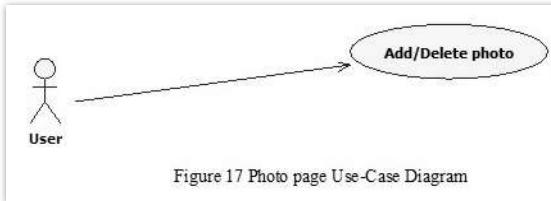
- Search Friend



- Friend List Page



- Photo Page



- Search Job Page



- Game Page

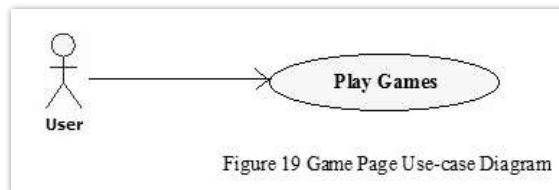


Figure 19 Game Page Use-case Diagram

- Buy & Sell Product Page

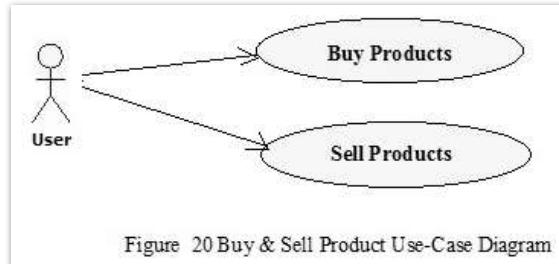


Figure 20 Buy &amp; Sell Product Use-Case Diagram

#### 6.4 Design structure :-

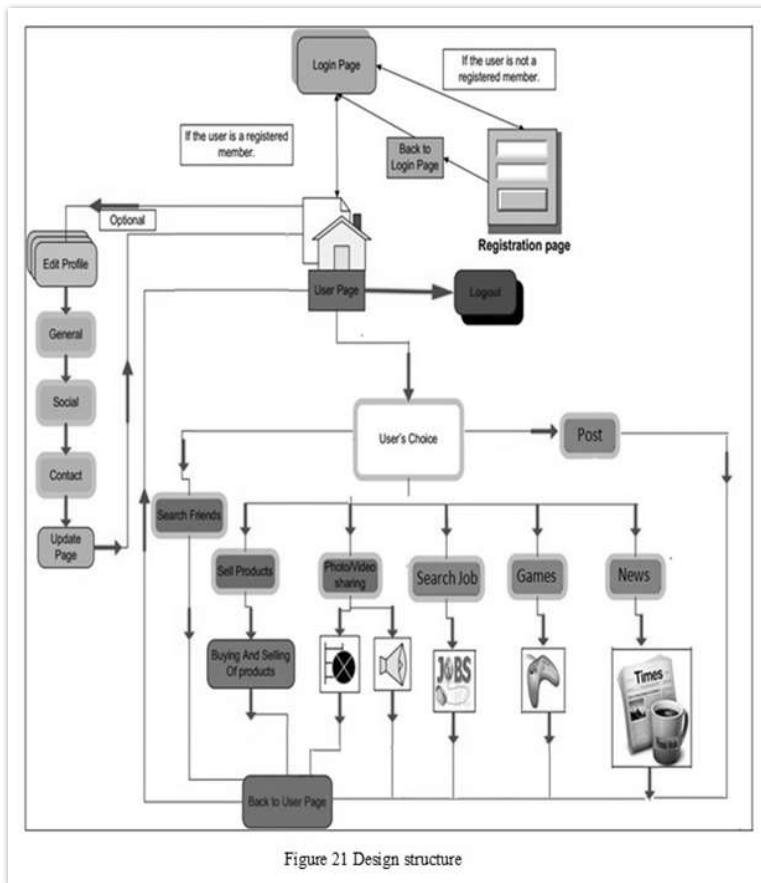


Figure 21 Design structure

## CHAPTER 7 APPLICATION DESIGN

**7.1 Login :-** For “login” the user has to enter his/her email and password to verify the login credentials from user\_detail table. If user enters valid information he/she will get logged in and home page will get displayed. If login



failed then a message “Invalid Username or Password. Please Try Again ” will be displayed and the user has an option to enter his/her name and password again. If person is new user he/she will fill register form displayed on the same page.

**7.2 Registration :-** For new user , he/she has to enter basic details i.e. First name, Last name, Email, Re-enter email, Password(select a password for future use), Birthday, and Gender with agreement of terms and conditions of the site. On click Sign-Up button, a confirmation email to the user’s registered email from Friends Media will be sent immediately along with an activation link to proceed further. Clicking on the activation link a new page will be displayed asking further details of the user such as his/her address ,mobile number, qualification etc and user has to fill and submit for successful registration. After checking the entered values (eg. Empty values, Invalid Password etc.) it will insert all the values in the user\_detail table. After successful inserts, user will get directed to his/her home page.

**7.3 Log –out :-** User can logout any time by clicking logout link. After a few second a screen will appear showing the index page of the site.

**7.4 User’s home page :-** This page contains various links like Wall, Profile, Friends, Photo, Job, Post, Video, Games, Sales, and News. It also contains name with photo and some basic details of the user. List of friends along with photo are also displayed. This page also includes latest news items uploaded by the administrator. An option for Sign-Out is also available.

**7.5 Wall :-** The wall is a place where the registered user can express his current feeling or thoughts with a wall status. Other users can add their thoughts by creating wall posts that show up below the status. It is basically a way for many users to communicate publicly or simply leave their thoughts about each other. User can post his/her thoughts, views, opinions, experience and observation etc . The visitors can record their observations , like, or dislike.

**7.6 Edit profile :-** Once the user has logged in, he/she can edit the profile details if wishes to do so. On click “Save Profile” button , the modified details will be updated in the user\_detail table. These new details will be selected from the user\_detail table during future references. As Email-ID is a unique key, the user is not permitted to edit it.

**7.7 Search/Add Friend :-** For search of old friends/new person, a Friend link has been provided on the user’s home page .On click, the users name, location along with photo together with “Send Request Button” will be displayed. If user wishes to add then click on the button. The request will be send automatically to the concerned person for his/her acceptance. If accepted, the persons photo will be added in the user’s friend list . This will facilitates the user to add new friends and exchange views/ thoughts etc. The person’s further details can be seen by clicking his/her photos.

**7.8 News :-** Important classified news uploaded by the administrator will be displayed showing message “Admin shared a News on Date and Time ” with news title link on user’s home page. The further details will be displayed on click on the link.

**7.9 Video :-** For video link we have used YouTube API. For this purpose an option has been provided for adding the video to the profile by submitting Video name and YouTube URL. On doing so, the video is uploaded showing message “Video is Uploaded Successfully”. All videos will get displayed on the friends wall .The ‘Embed’ details for that video will get added to video tables.

**7.10 Photo :-** Under Photo link there are two options “Add Gallery” and “Add Photo”. First the user has to create Gallery Name (e.g. Personal, Friends, Family etc) in Add Gallery option and then click on Add Photo button. User has to browse the button to select photo of his/her own choice from local machine and then select the “Select



Gallery" option and then click on "Add Photo" button. After adding the image, it will be stored in the photo\_gallery table. All the images added by the user will get displayed on his/her wall.

**7.11 Games :-** User can play games at any time of his/her own choice. Some selected games like Candy Crush Saga, Pacman , Zombie, Pool have been included. The embed-code for most games are taken from <http://www.classicgamesarcade.com> . More games may be added at anytime .

**7.12 Comments, Like & Share :-** User can give his/her comments, like/dislike and share on text, images and videos. Like and Share links are provided for each upload and it will show latest count. A link Comment is also provided for expressing one's view about the uploaded post.

**7.13 Daily Update :-** Update facility is provided through which the user can post any thing like images or videos etc which can be viewed by permitted user. After viewing the post , the specific user can respond their comments.

**7.14 Selling and purchasing Products :-** Under this application the user can sell or purchase anything from used cars to mobiles , furniture ,laptops , clothing ,tablets , electronics & computers, books & CDs, & accessories and more. The uploaded image would be saved in the product\_detail table. For sell the user has to provide photos, brand names, type , important details of the product along with price and then post it. The reason for sale is also to be mentioned. Interested user who want to buy the item has to contact the owner and settle the deal.

**7.15 Search & Update Jobs :-** Facility for search job under the heading – Title , Location, and detail is provided. User has an option to add job by simply filling "Job Title", "Job Location", "Job Detail" and click on a "Add Job" button, and thereafter this will be available to all users.

**7.16 Admin Module :-** The admin controls and maintains the website and also keeps an eye on user operation. Important classified news are uploaded by the administrator which will be displayed on user's home page. This is done by entering the news "Title", "Full News" description, insert images, if available and then click on a "Submit" button. The uploaded news will be displayed on the user's home page. The list of news items will also be displayed on the admin page and can be edited the news items, if required. For security reason, an option for the change of password of admin is provided. Here we included "Old-Password" , "New Password" and "Confirm Password" as a mandatory field and admin can change his/her password by clicking on the "Change Password" button. Log-Out button is also given.

## CHAPTER 8 : DATABASE DESIGN

### 8.1 Database Tables :-

#### 8.1.1 User\_detail Table :-



```

CREATE TABLE `user_detail` (
  `ud_id` int(255) NOT NULL AUTO_INCREMENT,
  `ud_profile_id` varchar(500) NOT NULL,
  `ud_first_name` varchar(100) NOT NULL,
  `ud_last_name` varchar(100) NOT NULL,
  `ud_email` varchar(200) NOT NULL,
  `ud_password` varchar(100) NOT NULL,
  `ud_mobile_no` varchar(20) NOT NULL,
  `ud_birth_date` date NOT NULL,
  `ud_gender` varchar(10) NOT NULL,
  `ud_address` text NOT NULL,
  `ud_city` varchar(200) NOT NULL,
  `ud_state` varchar(200) NOT NULL,
  `ud_pin_code` varchar(100) NOT NULL,
  `ud_country` varchar(200) NOT NULL,
  `ud_user_image` varchar(500) NOT NULL,
  `ud_school_name` varchar(500) NOT NULL,
  `ud_college` varchar(500) NOT NULL,
  `ud_occupation` varchar(500) NOT NULL,
  `ud_company_name` varchar(500) NOT NULL,
  `ud_admin_validate` int(5) NOT NULL,
  `ud_user_validate` int(5) NOT NULL,
  `ud_creation_date` datetime NOT NULL,
  PRIMARY KEY (`ud_id`)
) ENGINE=InnoDB AUTO_INCREMENT=4 DEFAULT CHARSET=latin1

```

#### 8.1.2 Admin\_table :-



localhost / localhost / mailwala\_frendpro / admin\_table

**Structure**

Field	Type	Collation	Attributes	Null	Default	Extra	Action
at_id	int(255)	latin1_swedish_ci	No	None	AUTO_INCREMENT		
at_user_id	varchar(100)	latin1_swedish_ci	No	None			
at_password	varchar(500)	latin1_swedish_ci	No	None			
at_name	varchar(500)	latin1_swedish_ci	No	None			

**Indexes:**

Action	Keyname	Type	Unique	Packed	Field	Cardinality	Collation	Null	Comment
X	PRIMARY	BTREE	Yes	No	at_id	3	A		

Create an index on 1 columns Go

```
CREATE TABLE `admin_table` (
  `at_id` int(255) NOT NULL AUTO_INCREMENT,
  `at_user_id` varchar(100) NOT NULL,
  `at_password` varchar(500) NOT NULL,
  `at_name` varchar(500) NOT NULL,
  PRIMARY KEY (`at_id`)
) ENGINE=InnoDB AUTO_INCREMENT=4 DEFAULT CHARSET=latin1
```

### 8.1.3 Album\_gallery Table :-

localhost / localhost / mailwala\_frendpro / album\_gallery

**Structure**

Field	Type	Collation	Attributes	Null	Default	Extra	Action
ag_id	int(255)	latin1_swedish_ci	No	None	AUTO_INCREMENT		
ag_user_id	int(255)	latin1_swedish_ci	No	None			
ag_admin_validate	int(10)	latin1_swedish_ci	No	None			
ag_user_validate	int(10)	latin1_swedish_ci	No	None			
ag_gallery_name	varchar(500)	latin1_swedish_ci	No	None			
ag_creation_date	datetime	latin1_swedish_ci	No	None			
del_row	int(10)	latin1_swedish_ci	No	None			

**Indexes:**

Action	Keyname	Type	Unique	Packed	Field	Cardinality	Collation	Null	Comment
X	PRIMARY	BTREE	Yes	No	ag_id	3	A		

Create an index on 1 columns Go

```
CREATE TABLE `album_gallery` (
```



```

`ag_id` int(255) NOT NULL AUTO_INCREMENT,
`ag_user_id` int(255) NOT NULL,
`ag_admin_validate` int(10) NOT NULL,
`ag_user_validate` int(10) NOT NULL,
`ag_gallery_name` varchar(500) NOT NULL,
`ag_creation_date` datetime NOT NULL,
`del_row` int(10) NOT NULL,
PRIMARY KEY (`ag_id`)
) ENGINE=InnoDB AUTO_INCREMENT=4 DEFAULT CHARSET=latin1

```

#### 8.1.4 Friend\_relation Table :-

The screenshot shows the 'Structure' tab for the 'freind\_relation' table in the 'mailwala\_freindpro' database. The table contains four fields:

Field	Type	Collation	Attributes	Null	Default	Extra	Action
fr_id	int(255)			No	None	AUTO_INCREMENT	
fr_sender_request_id	int(255)			No	None		
fr_receiver_request_id	int(255)			No	None		
fr_validate	int(10)			No	None		

Below the table structure, there is a section for 'Indexes' with one index defined:

Action	Keyname	Type	Unique	Packed	Field	Cardinality	Collation	Null	Comment
PRIMARY		BTREE	Yes	No	fr_id	3	A		

At the bottom, there is a button to 'Create an index on 1 columns'.

```

CREATE TABLE `freind_relation` (
`fr_id` int(255) NOT NULL AUTO_INCREMENT,
`fr_sender_request_id` int(255) NOT NULL,
`fr_receiver_request_id` int(255) NOT NULL,
`fr_validate` int(10) NOT NULL,
PRIMARY KEY (`fr_id`)
) ENGINE=InnoDB AUTO_INCREMENT=4 DEFAULT CHARSET=latin1

```

#### 8.1.5 Games\_detail Table :-



**Structure**

Field	Type	Collation	Attributes	Null	Default	Extra	Action
game_id	int(11)			No	None	AUTO_INCREMENT	
game_name	varchar(500)	latin1_swedish_ci		No	None		
game_image	varchar(500)	latin1_swedish_ci		No	None		
game_code	longtext	latin1_swedish_ci		No	None		

**Indexes:**

Action	Keyname	Type	Unique	Packed	Field	Cardinality	Collation	Null	Comment
X	PRIMARY	BTREE	Yes	No	game_id	4	A		

Create an index on 1 columns Go

```
CREATE TABLE `games_detail` (
  `game_id` int(11) NOT NULL AUTO_INCREMENT,
  `game_name` varchar(500) NOT NULL,
  `game_image` varchar(500) NOT NULL,
  `game_code` longtext NOT NULL,
  PRIMARY KEY (`game_id`)
) ENGINE=InnoDB AUTO_INCREMENT=5 DEFAULT CHARSET=latin1
```

### 8.1.6 Job\_detail Table :-

**Structure**

Field	Type	Collation	Attributes	Null	Default	Extra	Action
jd_id	int(255)			No	None	AUTO_INCREMENT	
jd_user_id	int(255)			No	None		
jd_title	varchar(500)	latin1_swedish_ci		No	None		
jd_location	varchar(500)	latin1_swedish_ci		No	None		
jd_detail	varchar(500)	latin1_swedish_ci		No	None		
jd_creation_date	datetime			No	None		
jd_row	int(10)			No	None		

**Indexes:**

Action	Keyname	Type	Unique	Packed	Field	Cardinality	Collation	Null	Comment
X	PRIMARY	BTREE	Yes	No	jd_id	2	A		

Create an index on 1 columns Go

```
CREATE TABLE `job_detail` (
```



```
'jd_id' int(255) NOT NULL AUTO_INCREMENT,
`jd_user_id` int(255) NOT NULL,
`jd_title` varchar(500) NOT NULL,
`jd_location` varchar(500) NOT NULL,
`jd_detail` varchar(500) NOT NULL,
`jd_creation_date` datetime NOT NULL,
`del_row` int(10) NOT NULL,
PRIMARY KEY (`jd_id`)
) ENGINE=InnoDB AUTO_INCREMENT=3 DEFAULT CHARSET=latin1
```

#### 8.1.7 like\_share\_comment Table :-

The screenshot shows the phpMyAdmin interface with the following details:

- Database:** mailwala\_freindpro (12)
- Table:** like\_share\_comment
- Structure:**

Field	Type	Collation	Attributes	Null	Default	Extra	Action
lsc_id	int(255)			No	None	AUTO_INCREMENT	<input checked="" type="checkbox"/> X <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
lsc_user_id	int(255)			No	None		<input checked="" type="checkbox"/> X <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
lsc_comment	longtext	latin1_swedish_ci		No	None		<input checked="" type="checkbox"/> X <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
lsc_activity	int(10)			No	None		<input checked="" type="checkbox"/> X <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
lsc_posting_id	int(255)			No	None		<input checked="" type="checkbox"/> X <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
lsc_posting_type	varchar(100)	latin1_swedish_ci		No	None		<input checked="" type="checkbox"/> X <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
lsc_date_time	datetime			No	None		<input checked="" type="checkbox"/> X <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
- Indexes:**

Action	Keyname	Type	Unique	Packed	Field	Cardinality	Collation	Null	Comment
<input checked="" type="checkbox"/> PRIMARY	BTREE	Yes	No	lsc_id	23	A			
- Buttons:**
  - Create an index on [ ] columns: Go

```
CREATE TABLE `like_share_comment` (
`lsc_id` int(255) NOT NULL AUTO_INCREMENT,
`lsc_user_id` int(255) NOT NULL,
`lsc_comment` longtext NOT NULL,
`lsc_activity` int(10) NOT NULL,
`lsc_posting_id` int(255) NOT NULL,
`lsc_posting_type` varchar(100) NOT NULL,
`lsc_date_time` datetime NOT NULL,
PRIMARY KEY (`lsc_id`)
) ENGINE=InnoDB AUTO_INCREMENT=24 DEFAULT CHARSET=latin1
```

#### 8.1.8 News Table :-



The screenshot shows the phpMyAdmin interface with the following details:

- Database:** mailwala\_friendpro (12)
- Table:** news
- Structure View:** Shows columns: id, title\_news, detail\_news, visible, date.
- Action Bar:** Includes options like Browse, Structure, SQL, Search, Insert, Export, Import, Operations, Empty, Drop.
- Indexes:** PRIMARY KEY (id) is defined.
- Buttons:** Add 1 field(s), At End of Table, At Beginning of Table, After id, Go.
- Details:** A link to view more details about the table.

```
CREATE TABLE `news` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `title_news` text NOT NULL,
  `detail_news` longtext NOT NULL,
  `visible` varchar(10) NOT NULL,
  `date` datetime NOT NULL,
  PRIMARY KEY (`id`)
) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=latin1
```

#### 8.1.9 Photo\_gallery Table :-



The screenshot shows the phpMyAdmin interface for the 'mailwala\_friendpro' database. The left sidebar lists various tables: admin\_table, album\_gallery, friend\_wishes, friend\_detail, post\_detail, like\_share\_comment, news, photo\_gallery, posting\_detail, product\_detail, user\_detail, and video\_detail. The 'photo\_gallery' table is selected. The main area displays the table structure:

Field	Type	Collation	Attributes	Null	Default	Extra	Action
pg_id	int(255)			No	None	AUTO_INCREMENT	
pg_gallery_id	int(255)			No	None		
pg_image_name	varchar(500)	latin1_swedish_ci		No	None		
pg_creation_date	datetime			No	None		
del_row	int(10)			No	None		

Below the table structure, there are buttons for 'Print view', 'Relation view', 'Propose table structure', and a search bar for 'Add 1 field(s)'. The 'Indexes' section shows one primary key index:

Action	Keyname	Type	Unique	Packed	Field	Cardinality	Collation	Null	Comment
X	PRIMARY	BTREE	Yes	No	pg_id	8	A		

At the bottom, there is a button to 'Create an index on 1 column'.

```
CREATE TABLE `photo_gallery` (
  `pg_id` int(255) NOT NULL AUTO_INCREMENT,
  `pg_gallery_id` int(255) NOT NULL,
  `pg_image_name` varchar(500) NOT NULL,
  `pg_creation_date` datetime NOT NULL,
  `del_row` int(10) NOT NULL,
  PRIMARY KEY (`pg_id`)
) ENGINE=InnoDB AUTO_INCREMENT=9 DEFAULT CHARSET=latin1
```

#### 8.1.10 Posting\_detail Table :-

The screenshot shows the phpMyAdmin interface for the 'mailwala\_friendpro' database. The left sidebar lists various tables: admin\_table, album\_gallery, friend\_wishes, friend\_detail, post\_detail, like\_share\_comment, news, photo\_gallery, posting\_detail, product\_detail, user\_detail, and video\_detail. The 'posting\_detail' table is selected. The main area displays the table structure:

Field	Type	Collation	Attributes	Null	Default	Extra	Action
pd_id	int(255)			No	None	AUTO_INCREMENT	
pd_user_id	int(255)			No	None		
pd_post_detail	longtext	latin1_swedish_ci		No	None		
pd_post_image	varchar(500)	latin1_swedish_ci		No	None		
pd_admin_validate	int(10)			No	None		
pd_user_validate	int(10)			No	None		
pd_creation_date	datetime			No	None		
del_row	int(10)			No	None		

Below the table structure, there are buttons for 'Print view', 'Relation view', 'Propose table structure', and a search bar for 'Add 1 field(s)'. The 'Indexes' section shows one primary key index:

Action	Keyname	Type	Unique	Packed	Field	Cardinality	Collation	Null	Comment
X	PRIMARY	BTREE	Yes	No	pd_id	5	A		

At the bottom, there is a button to 'Create an index on 1 column'.



```

CREATE TABLE `posting_detail` (
  `pd_id` int(255) NOT NULL AUTO_INCREMENT,
  `pd_user_id` int(255) NOT NULL,
  `pd_post_detail` longtext NOT NULL,
  `pd_post_image` varchar(500) NOT NULL,
  `pd_admin_validate` int(10) NOT NULL,
  `pd_user_validate` int(10) NOT NULL,
  `pd_creation_date` datetime NOT NULL,
  `del_row` int(10) NOT NULL,
  PRIMARY KEY (`pd_id`)
) ENGINE=InnoDB AUTO_INCREMENT=6 DEFAULT CHARSET=latin1

```

#### 8.1.11 Product\_detail Table :-

The screenshot shows the phpMyAdmin interface for the 'product\_detail' table. The table structure is as follows:

Field	Type	Collation	Attributes	Null	Default	Extra	Action
pd_id	int(255)			No	None	AUTO_INCREMENT	
pd_user_id	int(255)			No	None		
pd_product_name	varchar(500)	latin1_swedish_ci		No	None		
pd_product_price	varchar(100)	latin1_swedish_ci		No	None		
pd_product_detail	varchar(500)	latin1_swedish_ci		No	None		
pd_product_image	varchar(200)	latin1_swedish_ci		No	None		
pd_product_type	varchar(200)	latin1_swedish_ci		No	None		
pd_creation_date	datetime			No	None		
del_row	int(10)			No	None		

Indexes:

Action	Keyname	Type	Unique	Packed	Field	Cardinality	Collation	Null	Comment
X	PRIMARY	BTREE	Yes	No	pd_id	5	A		

Create an index on  columns

```

CREATE TABLE `product_detail` (
  `pd_id` int(255) NOT NULL AUTO_INCREMENT,
  `pd_user_id` int(255) NOT NULL,
  `pd_product_name` varchar(500) NOT NULL,
  `pd_product_price` varchar(100) NOT NULL,
  `pd_product_detail` varchar(500) NOT NULL,
  `pd_product_image` varchar(200) NOT NULL,
  `pd_product_type` varchar(200) NOT NULL,
  `pd_creation_date` datetime NOT NULL,
  `del_row` int(10) NOT NULL,
  PRIMARY KEY (`pd_id`)
) ENGINE=InnoDB AUTO_INCREMENT=6 DEFAULT CHARSET=latin1

```

#### Video\_detail Table :-



**Structure**

Field	Type	Collation	Attributes	Null	Default	Extra	Action
vd_id	int(255)	latin1_swedish_ci	No	None	AUTO_INCREMENT		X
vd_user_id	int(255)	latin1_swedish_ci	No	None			X
vd_video_name	varchar(500)	latin1_swedish_ci	No	None			X
vd_video_youtube_link	text	latin1_swedish_ci	No	None			X
vd_admin_validate	int(10)	latin1_swedish_ci	No	None			X
vd_creation_date	datetime	latin1_swedish_ci	No	None			X
del_row	int(10)	latin1_swedish_ci	No	None			X

**Indexes:**

Action	Keyname	Type	Unique	Packed	Field	Cardinality	Collation	Null	Comment
X	PRIMARY	BTREE	Yes	No	vd_id	6	latin1_swedish_ci		A

Create an index on 1 columns Go

```

CREATE TABLE `video_detail` (
  `vd_id` int(255) NOT NULL AUTO_INCREMENT,
  `vd_user_id` int(255) NOT NULL,
  `vd_video_name` varchar(500) NOT NULL,
  `vd_video_youtube_link` text NOT NULL,
  `vd_admin_validate` int(10) NOT NULL,
  `vd_creation_date` datetime NOT NULL,
  `del_row` int(10) NOT NULL,
  PRIMARY KEY (`vd_id`)
) ENGINE=InnoDB AUTO_INCREMENT=7 DEFAULT CHARSET=latin1

```

## 8.2 Relationship Between Tables



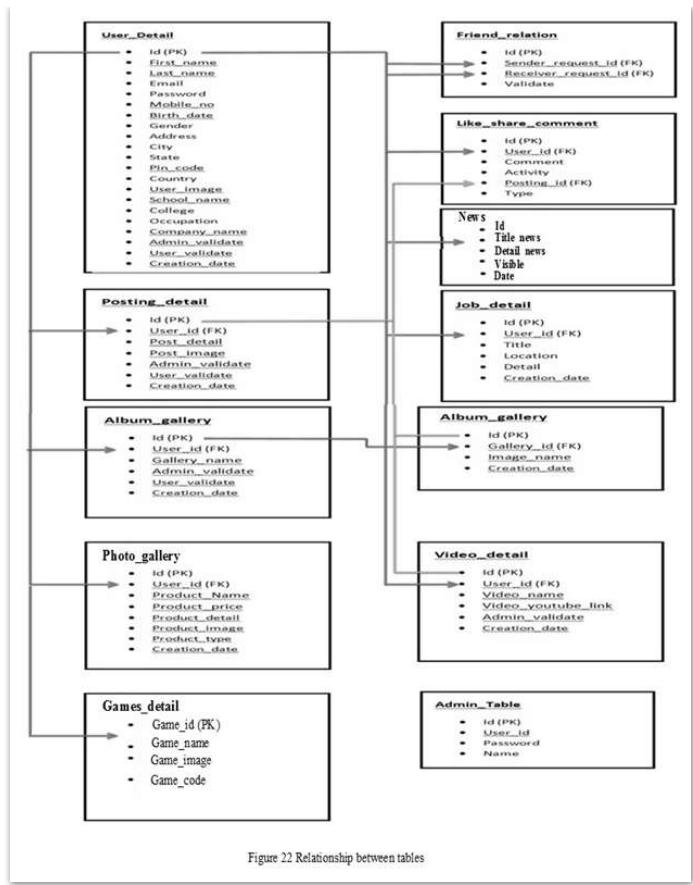


Figure 22 Relationship between tables

## CHAPTER 10 : SCREEN LAYOUT

### Registration/Login Page

When a user visit Friends Media social networking website for the first time the below form will be appeared where user have to enter the personal details and then click on a Sign-up button. First name, email, re-entered email, password, birthday, gender are mandatory fields. User has to fill all these fields, otherwise error message will prompt and advice the user to fill the fields. Here Email entry in our database is a unique id and is primary key. If a user enters email which is already in the database then the system will prompt "Email already exist".





#### Registration (contd.)

When user fills all the entries the following page will appear showing that "Successfully Registered. Please Check Your Email Id."



#### Confirmation email from Friends Media



On click Sign-Up button , after filling the required entries of the registration form, a confirmation email from Friends

Media will be sent immediately along with an activation link to proceed further to the user's registered email .



#### Registration (further details)

When user's validation is made successfully the a following page will appear asking for user's further details and also user can upload their photo as a profile picture.



User's Profile Page :-

The screenshot shows a user profile for 'Lubna Khan' on 'Friends Media' at the URL [www.maiwala.com/fmfinder/profile.php](http://www.maiwala.com/fmfinder/profile.php). The profile picture is a cartoon cat. The profile information includes Name: Lubna Khan, Email ID: lubna.java@gmail.com, Country: India, and City: . The main profile area contains a large form for editing personal details: First Name (Lubna), Last Name (Khan), Email ID (lubna.java@gmail.com), Password (redacted), Address (redacted), City (redacted), State (redacted), Pin Code (redacted), Country (India), School Name (redacted), College (redacted), Occupation (redacted), and Company Name (redacted). A 'Edit Profile' button is at the bottom. To the right, there's a sidebar for 'Friends (1)' showing a profile picture and a news item: 'Kiran and Rama left India to 300'. At the bottom, there are links for 'About us | About us' and the year '2014 © Friends Media'.

Edit Profile :-

This screenshot shows the Friends Media profile page for Lubna Khan. At the top, there's a header with the site name and a search bar. Below the header is a profile section featuring a placeholder image of a Hello Kitty-like character. To the right of the image is a table showing basic profile information: Name (Lubna Khan), Email id (lubna.java@gmail.com), Country (India), City (Blank), and Date of Birth (Blank). Below this are navigation links for Wall, Profile, Friends, Photo, Job, Post, and Video. A 'Friends (1)' section shows one friend with a small thumbnail. The main content area is titled 'Your Profile' and contains a form with fields for First Name (Lubna), Last Name (Khan), Email ID (lubna.java@gmail.com), Password (lubnakhann), Mobile No. (Blank), Birth Date (Blank), Gender (Male), Address (Blank), City (Blank), State (Blank), Pin Code (Blank), Country (India), School Name (Blank), College (Blank), Occupation (Blank), Company Name (Blank), and a file input for 'Choose file'. There are 'Update Profile Pic' and 'Save Profile' buttons at the bottom. On the right side of the profile page, there's a 'Latest News' sidebar with a single news item: 'Kohl and Raina left India to 300'.

### Home page (video upload)

This screenshot shows the Friends Media home page. At the top, it displays the user's name, Lubna Khan, and a placeholder image of a Hello Kitty-like character. To the right is a table with profile information: Name (Lubna Khan), Email id (lubna.java@gmail.com), Country (India), City (Blank), and Date of Birth (Blank). Below this are navigation links for Wall, Profile, Friends, Photo, Job, Post, and Video. A 'Friends (2)' section shows two friends with small thumbnails. The main content area is titled 'Add Video' and contains a form with a 'Video Name' field (Comedy Nights With Kapil - Pyar) and a 'Video Link (Youtube URL)' field containing the URL <https://www.youtube.com/watch?v=8zC4FTT84hf>. There is a 'Submit' button at the bottom of the form. On the right side, there's a 'Latest News' sidebar with the same news item as the profile page: 'Kohl and Raina left India to 300'.

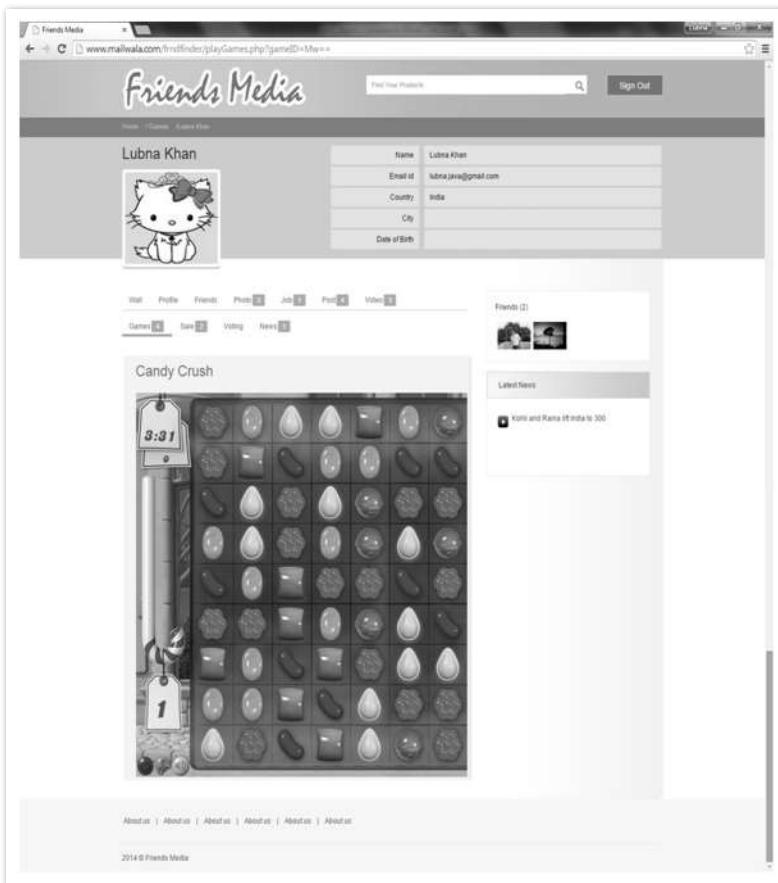
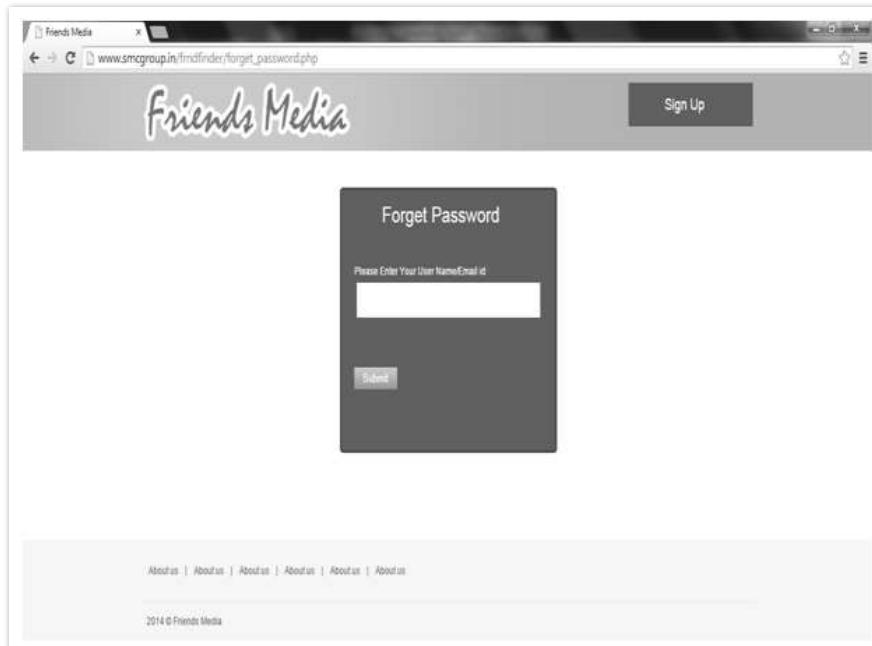


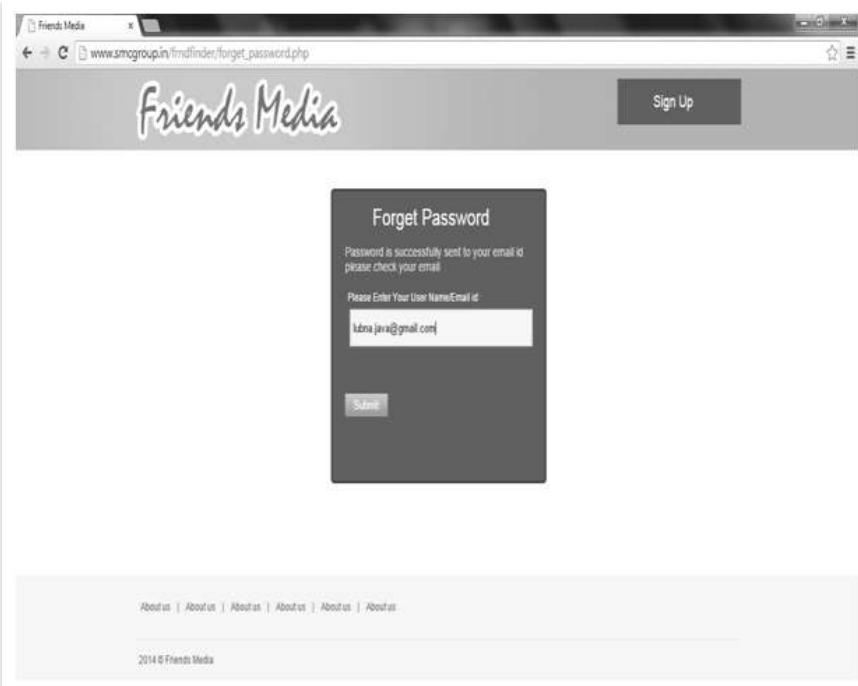
Home page (video uploaded)

The screenshot shows the Friends Media website interface. At the top, there is a navigation bar with links for Home, Profile, Friends, Photo, Job, Post, Video, Games, Sale, Voting, and News. The main content area displays a user profile for Lubna Khan. Her profile picture is a Hello Kitty illustration. Below the profile picture, there is a form with fields for Name (Lubna Khan), Email Id (lubna.java@gmail.com), Country (India), City, and Date of Birth. A video player is embedded in the page, showing a video titled "Comedy Nights With Kapil - Priyanka Chopra - Mary Kom - 17th August 2014 - Full Episode(1)" with a play button and a progress bar indicating it's at 0:00 / 14:40. To the right of the video player, there is a sidebar titled "Friends (2)" showing two profile pictures, and a "Latest News" section with a news item about Kohli and Rana lift India to 300.

Home page (games)

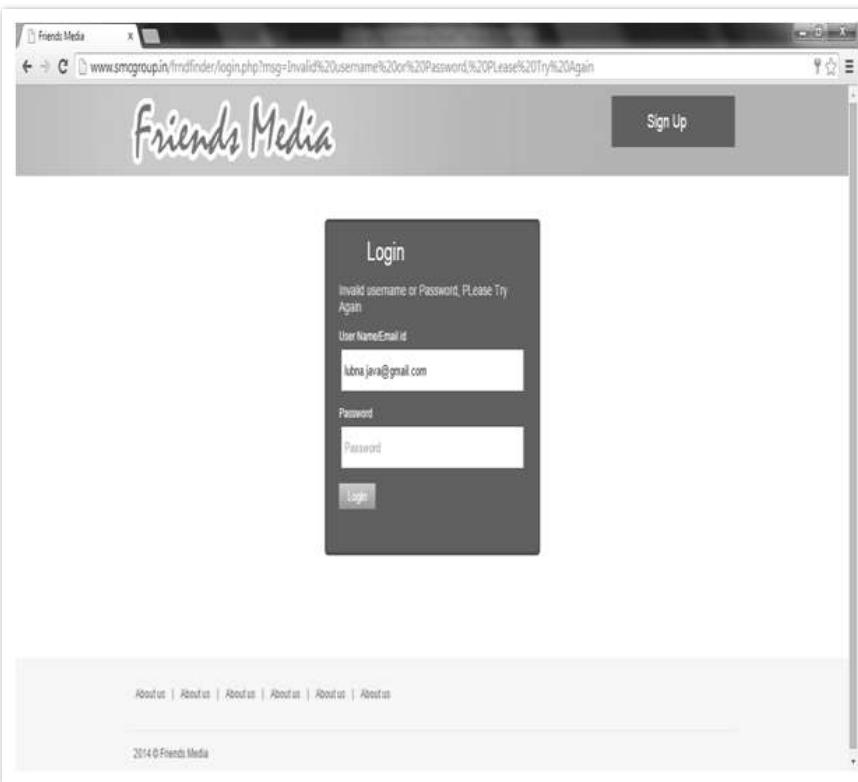
The screenshot shows the Friends Media website interface, similar to the previous one but with a different focus. The main content area displays a user profile for Lubna Khan. Her profile picture is a Hello Kitty illustration. Below the profile picture, there is a form with fields for Name (Lubna Khan), Email Id (lubna.java@gmail.com), Country (India), City, and Date of Birth. A games section is visible, showing four game icons: a soccer ball, a checkered board, a Pac-Man-like character, and a person in a dynamic pose. To the right of the games section, there is a sidebar titled "Friends (2)" showing two profile pictures, and a "Latest News" section with a news item about Kohli and Rana lift India to 300. At the bottom right of the page, there is a small navigation icon with arrows pointing up, down, left, and right, labeled "back", "to", and "top".

**Home page (candy crush saga game):-****login page – Forget Password:-****Forget Password (contd.)**



### Login page:-

On log-in page, if username/email id and password matches then allow that user to go his/her home page. Otherwise a message will prompt showing "Invalid Username or Password, Please Try Again".



### Friend Request Send :-



This screenshot shows the Friends Media profile page for Lubna Khan. At the top, there's a search bar and a sign-out button. Below the header, Lubna Khan's profile information is displayed: Name (Lubna Khan), Email id (lubna.java@gmail.com), Country (India), City (Blank), and Date of Birth (Blank). Her profile picture is a Hello Kitty illustration. Below her profile, there are tabs for Wall, Profile, Friends, Photos, Job, Post, Video, Games, Say, Voting, and News. The Friends tab is selected, showing one friend: Mt Ghazni (New Delhi India). There are 'Friend Request Send' and 'Accept' buttons. A news feed item from Kohli and Raina Ift India to 300 is visible. At the bottom, there are links for About Us and a copyright notice: 2014 © Friends Media.

### Accept/Cancel Friend Request :-

This screenshot shows the same Friends Media profile page for Lubna Khan, but now a friend request is pending. The 'Friends' tab is still selected, and the friend list shows Mt Ghazni (New Delhi India) with a 'Friend Request' status. Below the friend list, there are 'Cancel' and 'Accept' buttons. The rest of the page content remains the same, including the news feed and footer links.

### Post :-



The screenshot shows a user profile for Lubna Khan. The profile includes a profile picture of a Hello Kitty-like character, basic information like Name (Lubna Khan), Email ID (lubna.java@gmail.com), Country (India), City (Blank), and Date of Birth (Blank). Below the profile, there's a navigation bar with links for Wall, Profile, Friends, Photo, Job, Post, Video, Games, Sale/Purchase, Voting, and News. A post from Lubna Khan is displayed, sharing a Happy New Year 2015 graphic. The post has options to Like, Comment, or Share, and a 'Submit' button. To the right, there's a sidebar for friends (2) and latest news.

### Add Jobs :-

The screenshot shows the 'Add Job' form on the Friends Media website. The form fields include Job Title (Executive Trainees (ET-2015) (110)), Job Location (NPCIL of India), and Job Detail (Job Ref. No. ET-11/100/2015/01, Nuclear Power Corporation of India). There is also a dropdown menu for 'Add Job'. To the right, there's a sidebar for friends (2) and latest news, which lists several news items including 'Skin. Water droplets will power mobiles', 'Experts Crack code to make blood in lab', 'Turns Stem Cells into RBCs, WBCs', and 'Kohli and Raina lift India to 300'.

**Job added successfully :-**



Lubna Khan's profile page on Friends Media. The profile picture is a Hello Kitty illustration. The profile information includes Name: Lubna Khan, Email id: lubna.java@gmail.com, Country: India, and City: India. Below the profile, there is a post from Lubna Khan sharing a job opportunity at NPCIL. The post details the job as Executive Trainees (IT-2015) (110 Nos.) located in NPCIL, Nuclear Power Corporation of India Limited. It invites engineering graduates to apply for various roles including Mechanical (55), Electrical (35), Electronics (8), Chemical (15), Instrumentation (7), and Industrial & Fire Safety (15). The application deadline is 25/03/2015 at 17:00 hrs. The post has 9 likes, 0 comments, and 0 shares.

## Photos :-

### (1) Add Gallary

The 'Add Gallery' page on Friends Media. Lubna Khan's profile is shown at the top. The main content area displays a message: "Gallery added successfully." Below this, there is a form to add a new gallery with fields for 'Gallery Name' and a 'Submit' button. To the right, there is a sidebar with 'Friends (1)' and 'Latest News' sections. The news section includes links to stories about water droplets, experts cracking codes, stem cells turning into RBCs, and Kohli and Raina hitting 300 runs.

### (2) Add Photo



Lubna Khan

Name	Lubna Khan
Email id	lubnajava@gmail.com
Country	India
City	
Date of Birth	

Wall   Profile   Friends   Photo   Job   Post   Video

Games   Sale   Voting   News

Add Photo

Image: Choose file: c:\pic0005.jpg  
Selected Gallery: Personal  
Add Photo

About us | About us

2014 © Friends Media

### Add Products : - (Adding product process)

Country: India

City:

Date of Birth:

Wall   Profile   Friends   Photo   Job   Post   Video

Games   Sale   Voting   News

Add Product

Product Image: Choose file: tablet.jpg  
Product Name: HP Omni 10 Tablet  
Product Price: Rs. 27,800  
Product Type: HP Omni 10 Tablet  
Product Detail: 1.4 GHz (Turbo Mode), Intel Atom Z3370 Quad Core Processor, 10.1-inch LCD, Touchscreen  
Add Product

About us | About us

2014 © Friends Media



Product is added successfully :-

The screenshot shows a user profile for 'Lubna Khan' on the 'Friends Media' website. The profile includes a profile picture of a Hello Kitty character. Below the profile are input fields for Name (Lubna Khan), Email id (lubna.java@gmail.com), Country (India), City, and Date of Birth. A navigation bar below the profile lists: Wall, Profile, Friends, Photo, Job, Post, Video, Games, Sale, Voting, and News. The 'News' tab is currently selected. A post by Lubna Khan is displayed, sharing a post from 13th of February 2015 at 19:58:48 about an HP Elite 10 tablet. The post includes a small image of the tablet's interface and a link to the original post. To the right of the post is a sidebar titled 'Friends (1)' showing a thumbnail of another user's profile picture. Below the sidebar is a 'Latest News' section with a single item: 'Kishu and Rama left India to 300'. At the bottom of the page are links for About us, Admin, and Admin.

## News

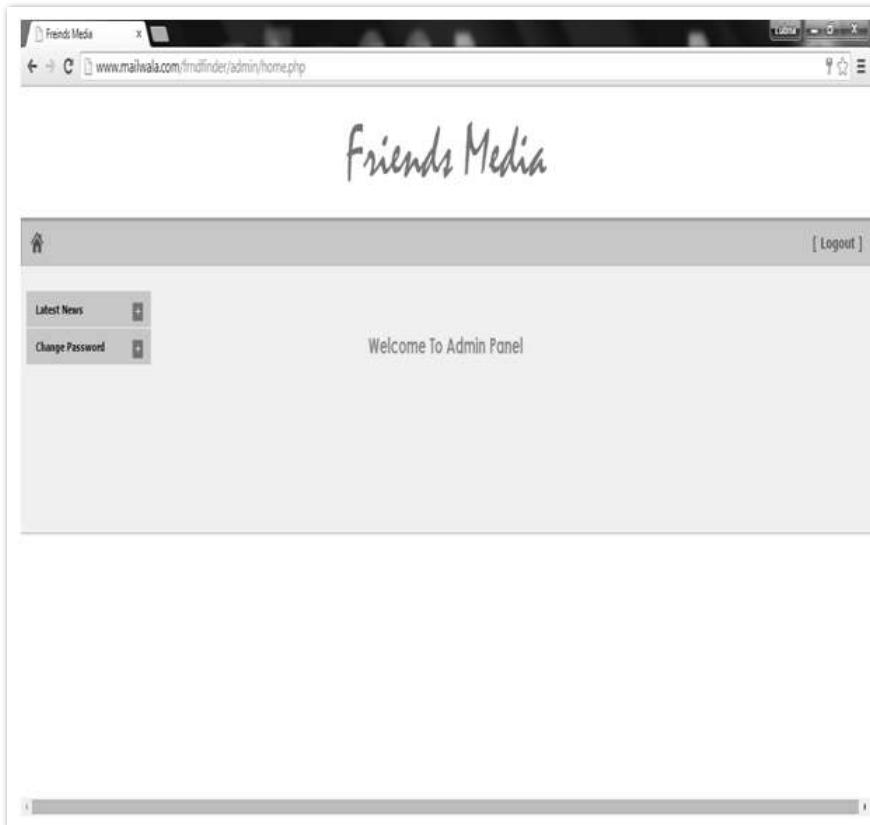
The screenshot shows a news feed on the 'Friends Media' website. The feed displays three news items shared by 'Admin'. The first news item, dated 25th of February 2015 at 18:47:33, is titled 'Soon, Water droplets will power mobiles' and includes a video thumbnail. The second news item, dated 25th of February 2015 at 16:30:16, is titled 'Experts Crack code to make blood in lab Turns Stem Cells into RBCs, WBCs.' The third news item, dated 15th of February 2015 at 12:51:07, is titled 'Kishu and Rama left India to 300'. The page layout is similar to the previous screenshot, featuring a user profile for 'Lubna Khan' at the top and a navigation bar with the 'News' tab active. A sidebar on the right shows 'Friends (2)' and a 'Latest News' section with the same item as the previous screenshot. The bottom of the page has 'About us' links and a '2014 © Friends Media' copyright notice.

The screenshot shows a user profile for 'Lubna Khan' on the 'Friends Media' website. The profile includes a profile picture of Hello Kitty, basic information like Name (Lubna Khan), Email ID (lubna.java@gmail.com), Country (India), City (Mumbai), and Date of Birth. Below the profile, there's a news feed section with a post from 'Admin' sharing a news item about Virat Kohli's performance. The news item discusses Kohli's impact on the Indian team and his record-breaking performance. A large image of Virat Kohli celebrating is displayed below the news. The footer contains links to About Us, Admin Login, and other site sections.

Admin Login Page :-

The screenshot shows the 'Admin Login' page of the 'Friends Media' website. It features a simple form with two input fields: one for 'Email' containing 'lubna@gmail.com' and another for 'Password'. Below the password field is a 'Login' button. The background of the page is light gray, and the overall design is clean and functional.



**Admin Page :-****Add News :-**

The screenshot shows a web-based administration interface for a 'Friends Media' website. At the top, there's a navigation bar with links for 'Friends Media', 'Logout', and 'Latest News'. On the left, a sidebar has 'Latest News' and 'Change Password' options. The main content area is titled 'Latest news' and contains a sub-section 'Add Latest News'. This sub-section includes a text input field with placeholder text ('Experts Crack code to make blood in lab Turns Stem Cells Into RBCs'), a rich text editor toolbar, and a large text area containing a news article about stem cell research. Below this is a table with columns 'S.No', 'Title', 'Date', 'Vis', and 'Edit'. One row is visible, showing '1', 'Kohli and Raina lift India to 300', '15-02-2015', 'Yes', and an edit icon.

S.No	Title	Date	Vis	Edit
1	Kohli and Raina lift India to 300	15-02-2015	Yes	

## CHAPTER 11 : CONCLUSION

It has been a great experience for us while working on this project. We learnt a lot in the field of social networking technologies and various applications. We have been successful in planning, designing and implementing Friends Media social networking website for engaging your social life more active and stimulating. It provides online platform for interacting with friends, exchange views, send pictures, search jobs, and play games etc. It can help you maintain existing relationships with pictures and messages, and establish new ones by reaching out to people you've never met before. It helps you create and share ideas and information instantly, without barriers. We successfully learnt how to deploy online web services on small scale as well as on large scale like Facebook, LinkedIn etc.

Friends Media makes it easy to find people who share your hobbies and interests, look for romantic connections or establish new business contacts .You can create and join a wide variety of online communities to discuss current events, reconnect with old school mates or even exchange your thoughts.

It is our mission to help you create a closer, more intimate network of friends. We hope to put you on the path to social bliss soon.

## CHAPTER 9 :- TESTING

### Testing Used :-

Testing is the process of running a system with the intention of finding errors. Testing enhances the integrity of a system by detecting deviations in design and errors in the system. Testing aims at detecting error-prone areas.



This helps in the prevention of errors in a system. Testing also adds value to the product by conforming to the user requirements. Testing must be thorough and well-planned. A partially tested system is as bad as an untested system. And the price of an untested and under-tested system is high. The user tests the system and changes are made according to their needs. The testing involves the testing of the developed system using various kinds of data. While testing, errors are noted and corrections are made.

#### **The various types of testing on the system are:**

1. Unit Testing.
2. Integration Testing
3. System testing
4. User Acceptance Testing

#### **9.1 Unit Testing :-**

Unit testing focuses efforts on the smallest unit of software design. This is known as module testing. The modules are tested separately. The test is carried out during programming stage itself. In this step, each module is found to be working satisfactory as regards to the expected output from the module.

#### **9.2 Integration Testing :-**

Data can be lost across an interface. One module can have an adverse effect on another, sub functions, when combined, may not be linked in desired manner in major functions. When the development of all the units or modules is completed and integrated the integrity test phase is started. In this phase the interface between the modules are tested. This phase basically verifies whether inter module exchange of information and events are as per required system behavior. All the modules are combined and tested as a whole.

#### **9.3 System Testing :-**

System testing is the stage of implementation. This is to check whether the system works accurately and efficiently before live operation commences. Testing is vital to the success of the system. The candidate system is subject to a variety of tests: on line response, volume, stress, recovery, security and usability tests. A series of tests are performed for the proposed system is ready for user acceptance testing.

#### **9.4 User Acceptance Testing :-**

User acceptance of a system is the key factor for the success of any system. The system under consideration is tested for the user acceptance by constantly keeping in touch with the prospective system users at the time of developing and making changes whenever required.

#### **9.5 Validation :-**

At the culmination of the integration testing, Software is completely assembled as a package. Interfacing errors have been uncovered and corrected and a final series of software test begin in validation testing. Validation testing can be defined in many ways, but a simple definition is that the validation succeeds when the software functions in a manner that is expected by the customer. Tests were performed to find conformity with the requirements. Plans and procedures were designed to ensure that all functional requirements are satisfied. There are two goals in preparing test plans. Firstly, a properly detailed test plan demonstrates that the



program specifications are understood completely. Secondly, the test plan is used during program testing to prove the correctness of the program.

This system has some common validation just like other social networking sites. For example it has following validation:-

1. On first step when user creates his/her account and choose a email. Email entry in our database is a unique id and is primary key. If a user enters email which is already in the database then the system will prompt "Email already exist".
2. First name, email, re-entered email, password, birthday, gender are mandatory fields. User has to fill all these fields, otherwise error message will prompt and advice the user to fill the fields.
3. On sign up page email and re-entered email must be same , otherwise the system will not allow to proceed .
4. On Sign-Up page password must be of minimum 8 characters.
5. On click Sign-Up button , after filling the required entries of the registration form, a confirmation email from Friends Media will be sent immediately along with an activation link to proceed further to the user's registered email .
6. On log-in page, if username/email id and password matches then allow that user to go his/her home page. Otherwise a message will prompt showing "Invalid Username or Password, Please Try Again".
7. A user can't upload another file except .gif, .jpeg , .png .
8. User can't add post without entering "Post Details". A message will prompt showing "Please fill in this field".
9. User can't add jobs without entering the fields like "Job Title", "Job Location", and "Job Detail". A message will prompt showing "Please fill in this field".

#### **9.6 Output Testing :-**

After performing the validation testing, the next step is output testing of the proposed system, since no system could be useful if it does not produce the required output in a specific format. The output format on the screen is found to be correct; the format was designed in the system design time according to the user needs. For the hard copy also; the output comes as per the specified requirements by the user. Hence output testing did not result in any correction for the system.

#### **9.7 Test Cases & Results :-**



Login :-

S.No.	Input Values	Test case	Conditional being checked	Result
1	Email	Empty	Please fill in this field	Successful
2	Password	Empty	Please fill in this field	Successful
3	Password	If Password mismatched	Invalid Username or Password. Please Try Again	Successful

Registration :-

S.No.	Input Values	Test case	Conditional being checked	Result
1.	First Name *	Empty	Please fill in this field	Successful
2	Last Name	Empty	Please fill in this field	Successful
3	Email *	Empty	Please fill in this field	Successful
4	Email *	Already Exists or not	Email id already exist	Successful
5	Re-enter Email *	Empty	Please fill in this field	Successful
6	Email & Re-enter Email *	Not matched	Email id is not matched, please confirm again your email id	Successful
7	Password *	Empty	Please fill in this field	Successful
8	Password *	Length	Minimum 8 characters required	Successful
9	Birthday *	Empty	Please select an item in the list	Successful
10	Birthday *	Invalid date	Invalid patient date of birth	Successful
11	Gender	By default male	Select appropriate Option	Successful

Profile Information :-

S.No.	Input Values	Test case	Conditional being checked	Result
1.	Mobile	Empty/Filled	Optional	Successful
2	I live in *	Empty	Please select an item in the list	Successful
3	City *	Empty	Please fill in this field	Successful
4	Address *	Empty	Please fill in this field	Successful
5	Pin code	Empty/Filled	Optional	Successful
6	College/University	Empty/Filled	Optional	Successful
7	School	Empty/Filled	Optional	Successful
8	Occupation	Empty/Filled	Optional	Successful
9	Upload Picture	Empty	Permitted File extension only .jpeg , .png , .jpg	Successful

Forget Password :-

S.No.	Input Values	Test case	Conditional being checked	Result
1	Please enter your User Name/Email id *	Empty	Please fill in this field	Successful
2	Please enter your User Name/Email id *	Wrong	Email Id not Exist	Successful
3	Please enter your User Name/Email id *	Correct	Password is successfully sent to your email id , please check your email	Successful

(1) Add Gallary :-

S.No.	Input Values	Test case	Conditional being checked	Result
1.	Gallery Name *	Empty	Please fill in this field	Successful

(2) Add Photos :-

S.No.	Input Values	Test case	Conditional being checked	Result
1.	Image *	BROWSE	Please select a file	Successful
2	Select Gallery *	Empty	Please select an item in the list	Successful

Add Videos :-

S.No.	Input Values	Test case	Conditional being checked	Result
1	VideoName *	Empty	Please fill in the field	Successful
2	Video Link *	Empty	Please fill in the field	Successful

Add Job :-

S.No.	Input Values	Test case	Conditional being checked	Result
1	Job Title *	Empty	Please fill in this field	Successful
2	Job Location *	Empty	Please fill in this field	Successful
3	Job Detail *	Empty	Please fill in this field	Successful

Add Post :-

S.No.	Input Values	Test case	Conditional being checked	Result
1	Image	Choose File	Optional	Successful
2	Post Detail	Empty	Please fill in this field	Successful

Sale/Purchase :- Add Product

S.No.	Input Values	Test case	Conditional being checked	Result
1	Product Image	BROWSE	Please select a file	Successful
2	Product Name *	Empty	Please fill in this field	Successful
3	Product Price *	Empty	Please fill in this field	Successful
4	Product Type *	Empty	Please fill in this field	Successful
5	Product Detail *	Empty	Please fill in this field	Successful

Admin Login :-

S.No.	Input Values	Test case	Conditional being checked	Result
1	User ID	Empty	Please enter your user name	Successful
2	Password	Empty	Please enter password	Successful

Posted by Unknown at 13:10 2 comments:

Labels: Friends Media--Social Networking Website

[Home](#)

[Older Posts](#)

Subscribe to: Posts (Atom)

Copyright © 2015 lubnagalaxy.blogspot.in. All Rights Reserved.. Watermark theme. Powered by Blogger.

