Sardar Vallabhbhai National Institute of Technology

Project Report on

"Social Media Website"

Subject: Software Tools- III

Academic Year: 2019-20

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B.Tech (CO) - III

5th Semester

Jury Signature **Student's Signature**

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1. Intorduction

1.1 Objective of the Project

A truly Indian social-networking website that is to promote social responsibilities like injustice, inhumanity, corruption, violations etc.

1.2 Problem Definition

Through the existing system process which is purely manual and time taking process, people cannot voice out violations, injustice, inhumanity, corruption happening in different sectors so there have to a solution to this process.

1.3 Modules:

1. Administrator
2. Users
3. Registration
4. Posts
5. Likes
6. Comments
7. Friends

1.4 Users:

1. Administrator
2. Friends
3. Authenticate Users
4. Public User

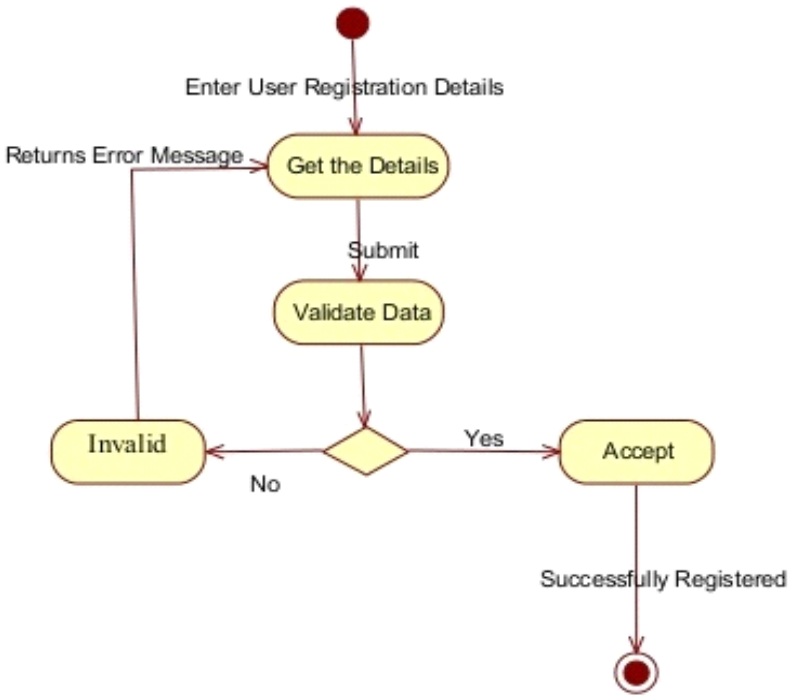
2. Abstract

A truly Indian social-networking website that is to promote social responsibilities like traffic violations, injustice to people etc.It should provide a common platform where people of India can voice out voilations, injustice, inmhumanity, corruption happening in different sectors of government.In existing system, people does not have the ability to tag social discipline violators.Citizens of India cannot control and monitor the social responsibility on their own.Everybody is violating the rules.No one is taking care.The responsible persons are ignoring these problems because of corruption.No one is feeling responsible to argue.So that with this in our country the law and order is going out of control.

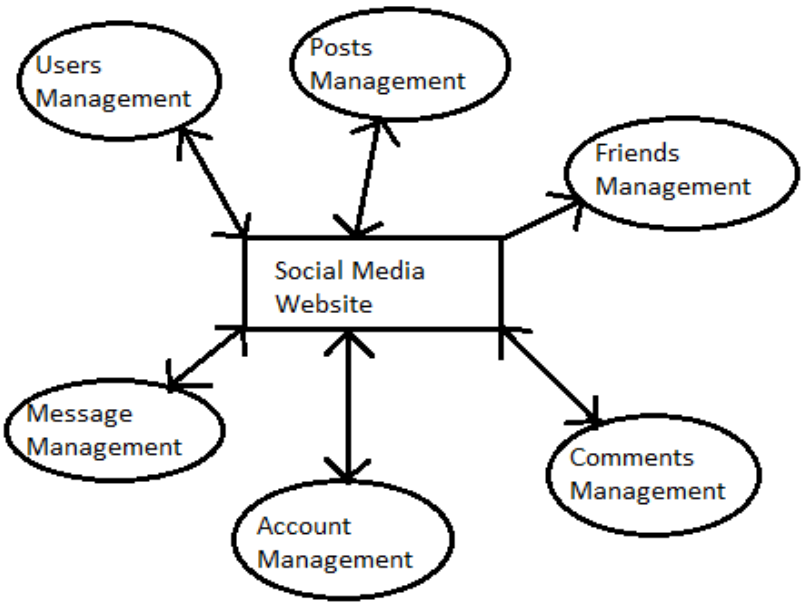
Now using this our current system (this website), people are close to each other socially.Here each and every person has the authority to discuss on any topic.With this innocent people can get aware.Then on the bases of these discussions the right decision can be taken by concerned authority.

3. Diagrams related to Object Oriented technology

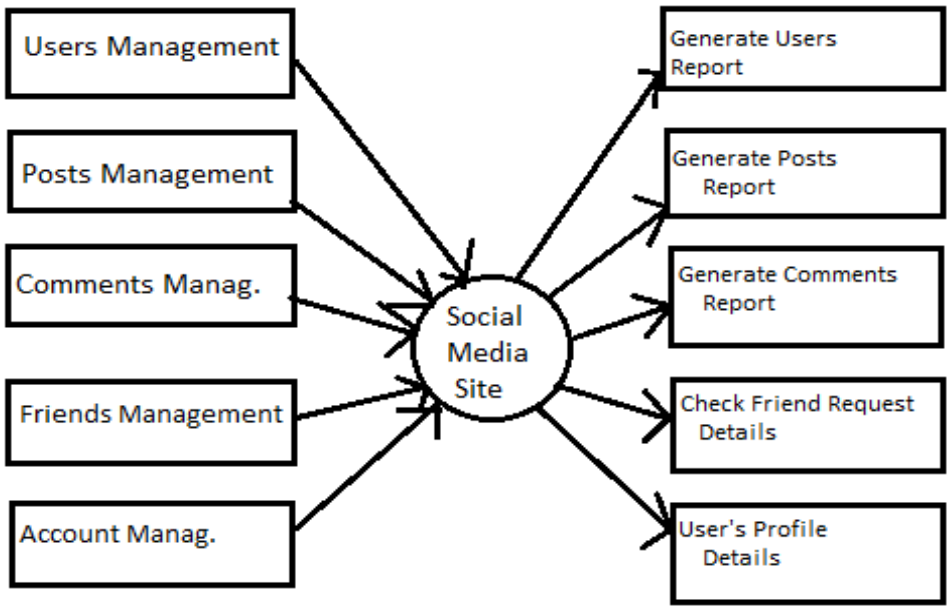
3.1. Activity diagram of registration



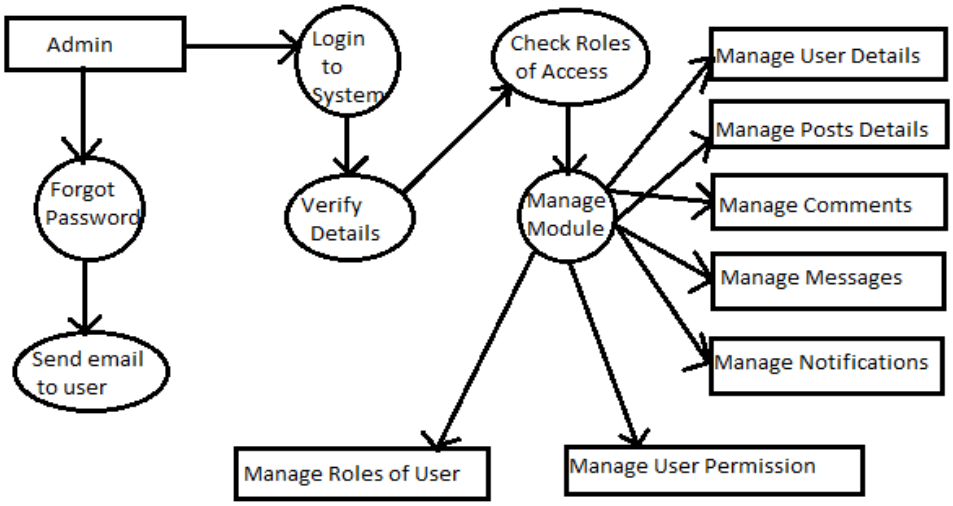
3.2. Data Flow Diagram (Level 0)



3.3. Data Flow Diagram (Level 1)



3.4. Data Flow Diagram (Level 2)



4. Database Design/Data structure design

users

Column	Type	Null	Default	Links to	Comments	MIME
id *(Primary)*	int(11)	No				
first_name	varchar(25)	No				
last_name	varchar(25)	No				
username	varchar(100)	No				
email	varchar(100)	No				
password	varchar(255)	No				
signup_date	date	No				
profile_pic	varchar(255)	No				
num_posts	int(11)	No				
num_likes	int(11)	No				
user_closed	varchar(3)	No				
friend_array	text	No				

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	8	A	No	

comments

Column	Type	Null	Default	Links to	Comments	MIME
id *(Primary)*	int(11)	No				
post_body	text	No				
posted_by	varchar(60)	No				
posted_to	varchar(60)	No				
date_added	datetime	No				
removed	varchar(3)	No				
post_id	int(11)	No				

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	20	A	No	
post_id	BTREE	No	No	post_id	20	A	No	
post_id_2	BTREE	No	No	post_id	20	A	No	

posts

Column	Type	Null	Default	Links to	Comments	MIME
id *(Primary)*	int(11)	No				
body	text	No				
added_by	varchar(60)	No				
user_to	varchar(60)	No				
date_added	datetime	No				
user_closed	varchar(3)	No				
deleted	varchar(3)	No				
likes	int(11)	No				

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	26	A	No	

likes

Column	Type	Null	Default	Links to	Comments	MIME
id *(Primary)*	int(11)	No				
username	varchar(60)	No				
post_id	int(11)	No				

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	28	A	No	
post_id	BTREE	No	No	post_id	28	A	No	

messages

Column	Type	Null	Default	Links to	Comments	MIME
id *(Primary)*	int(11)	No				
user_to	varchar(50)	No				
user_from	varchar(50)	No				
body	text	No				
date	datetime	No				
opened	varchar(3)	No				
viewed	varchar(3)	No				
deleted	varchar(3)	No				

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	9	A	No	

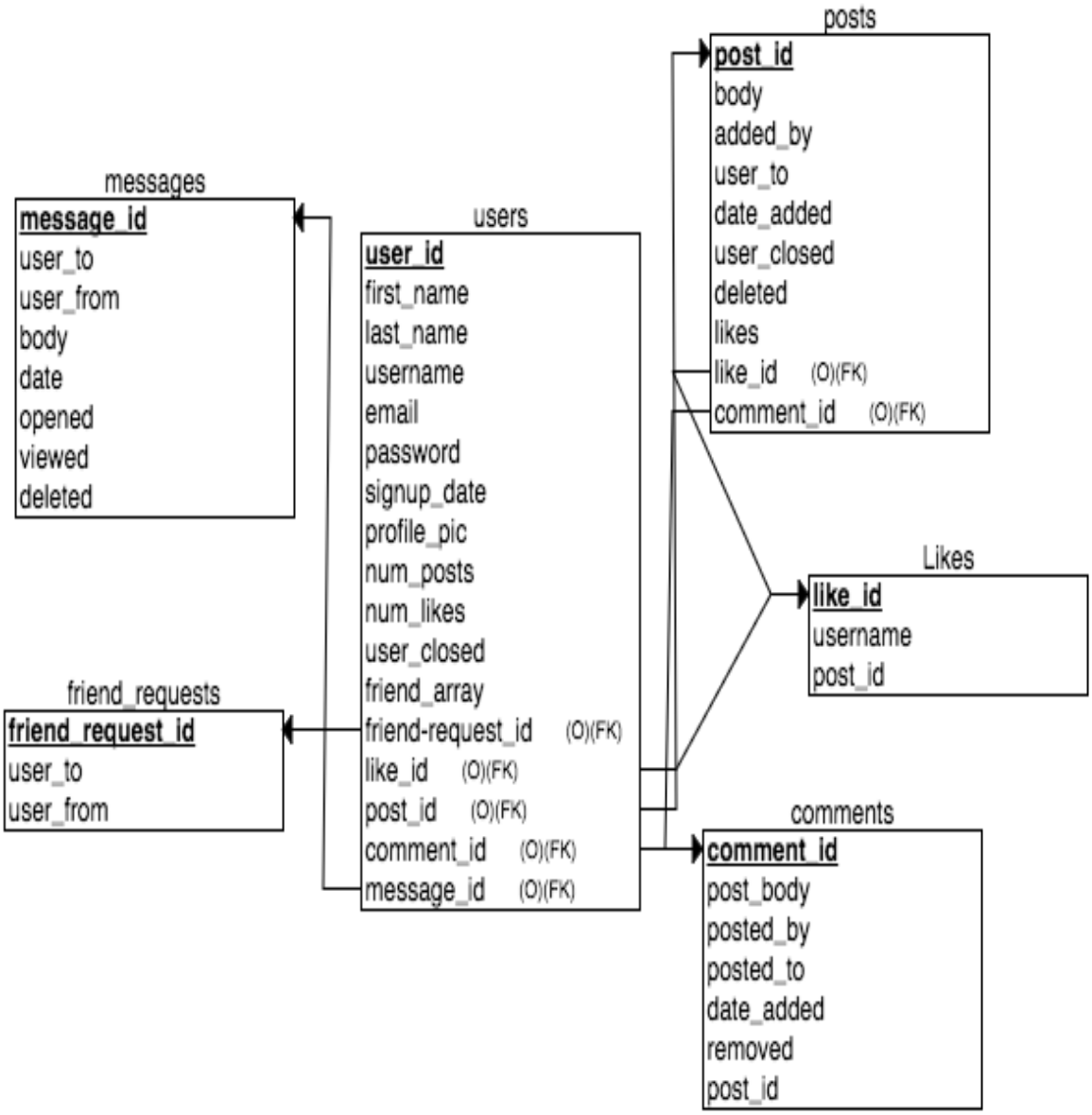
friend_requests

Column	Type	Null	Default	Links to	Comments	MIME
id *(Primary)*	int(11)	No				
user_to	varchar(50)	No				
user_from	varchar(50)	No				

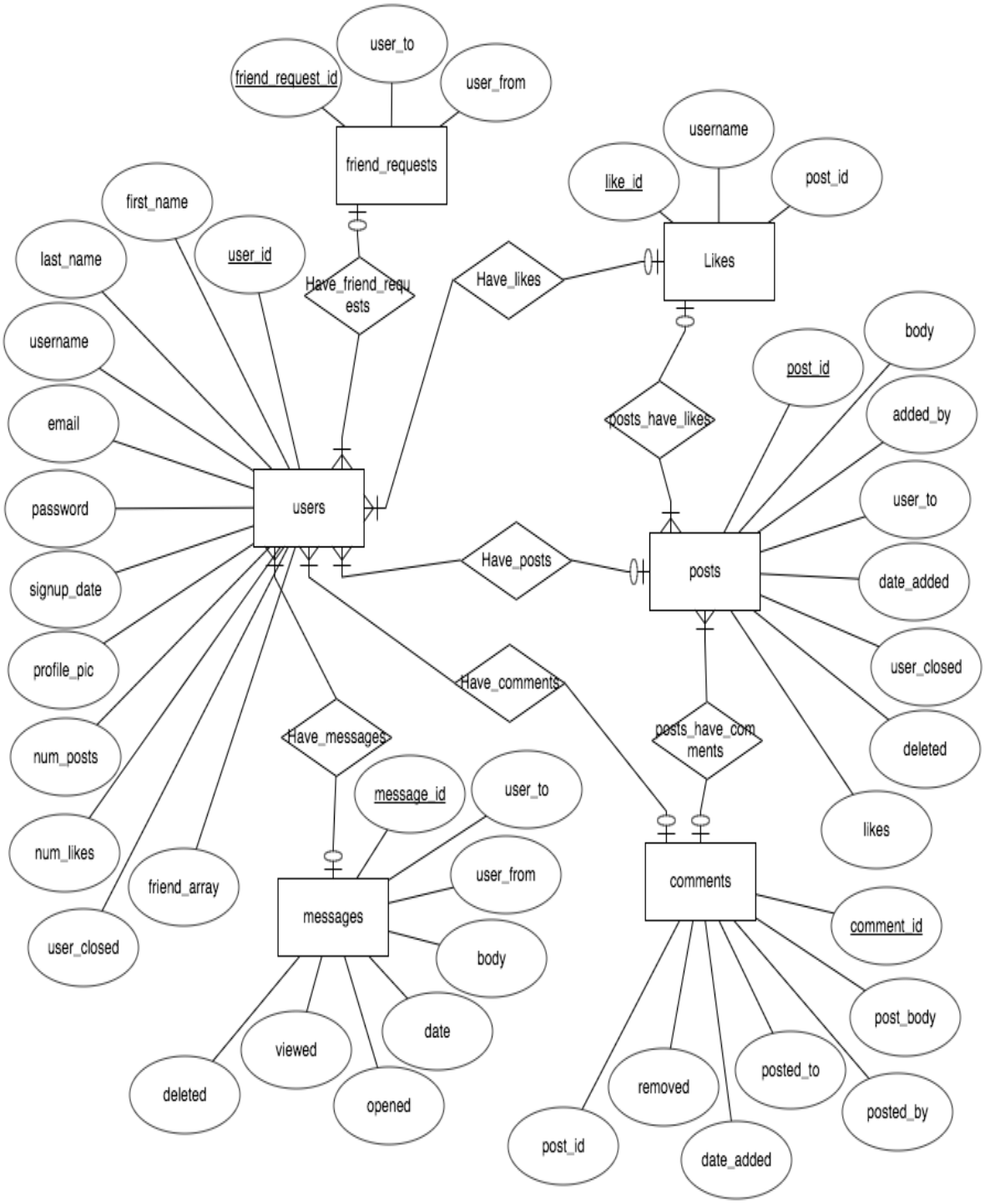
Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	0	A	No	

5. Relational Model of Database

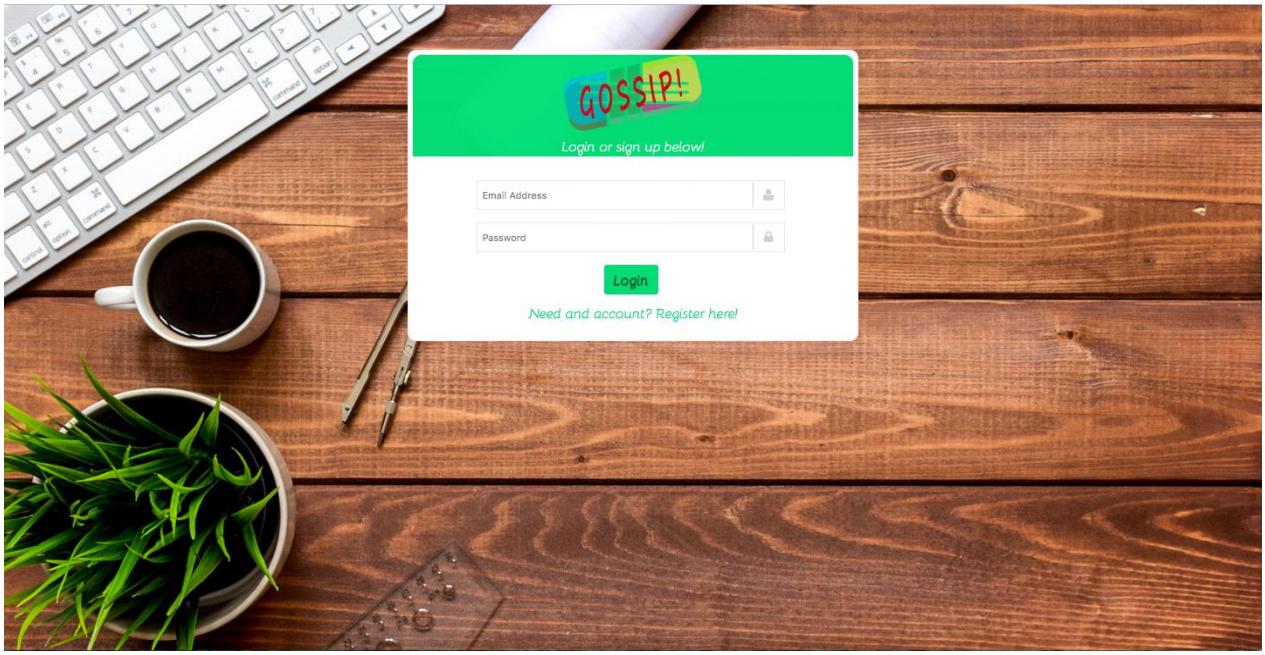


6. E-R Diagram of Database

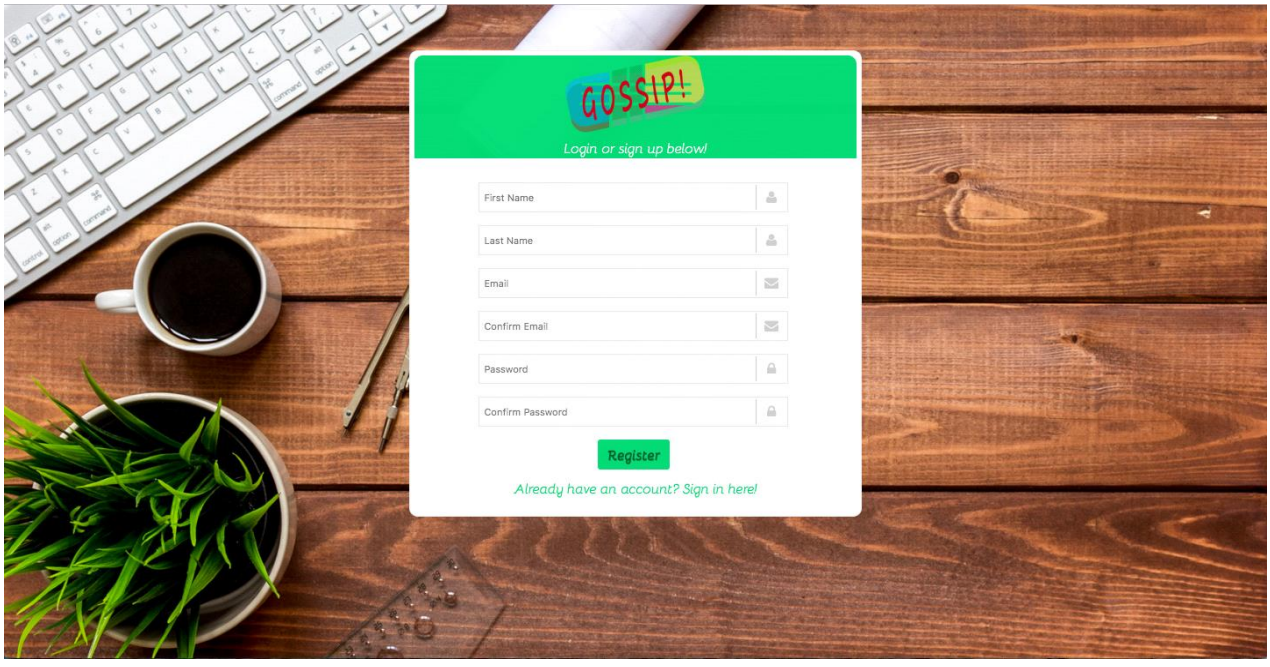


7. Screenshots (Output)

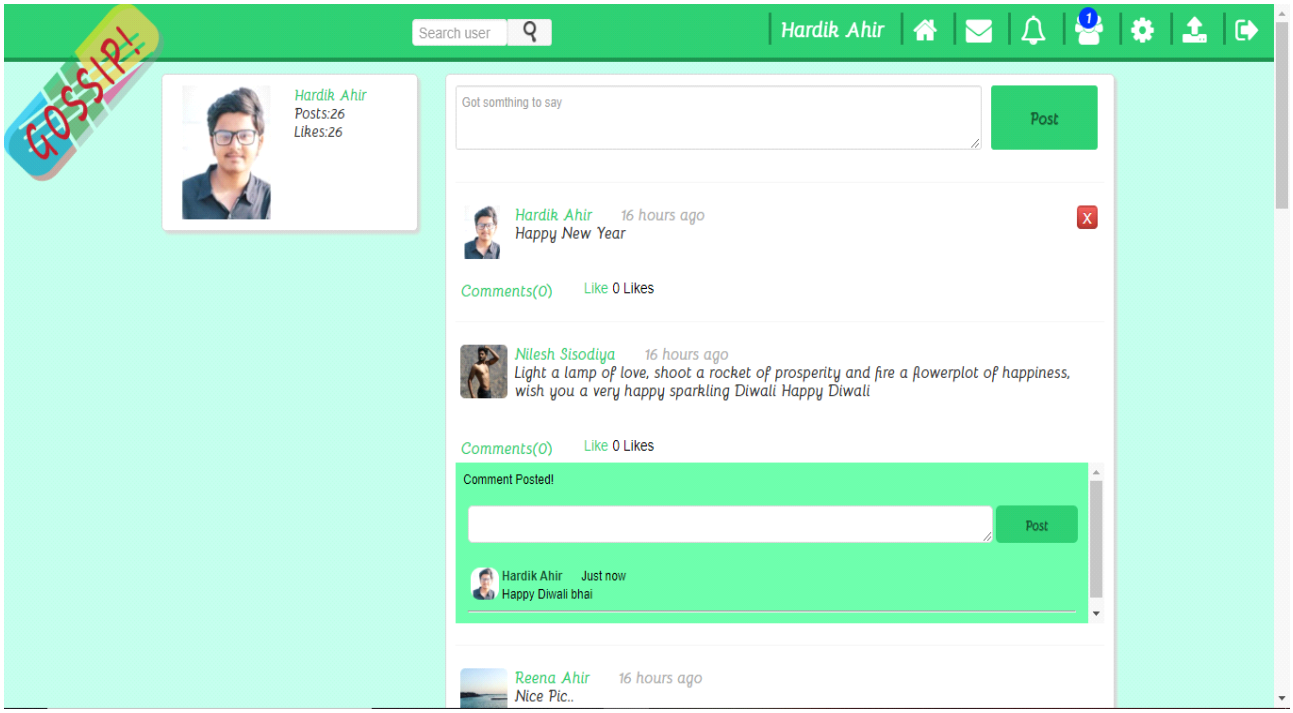
7.1. Login Page



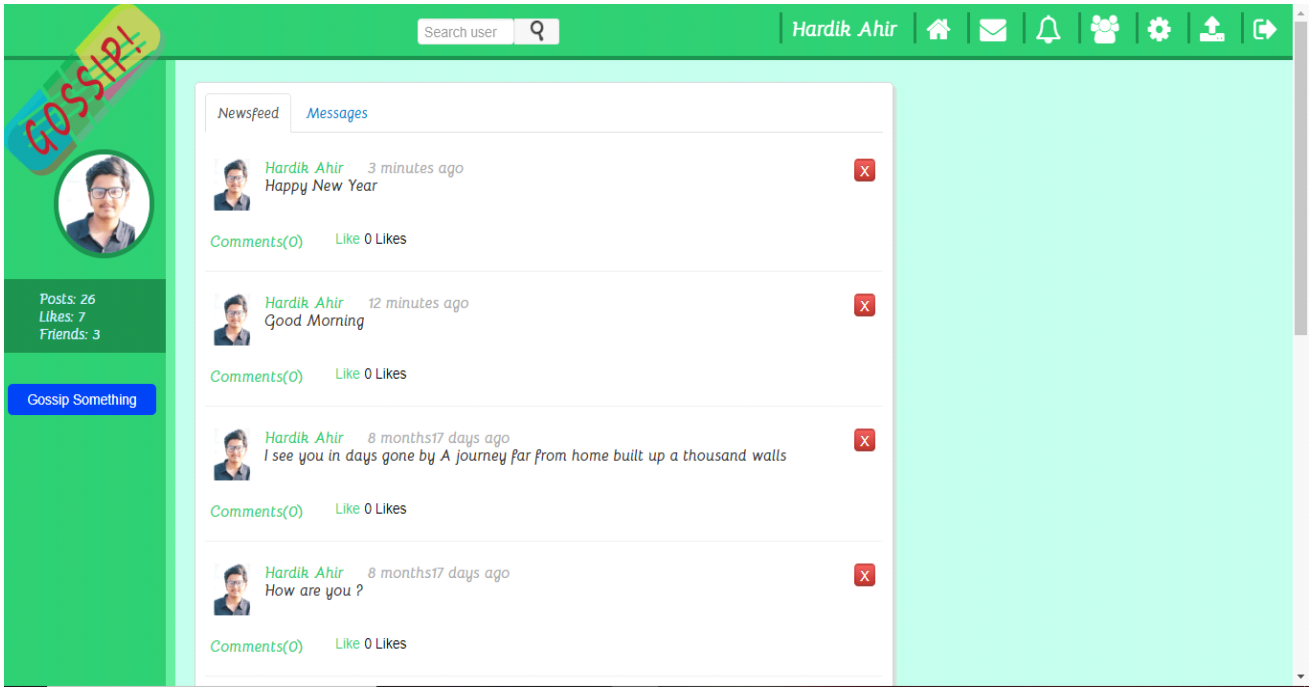
7.2. Signup Page



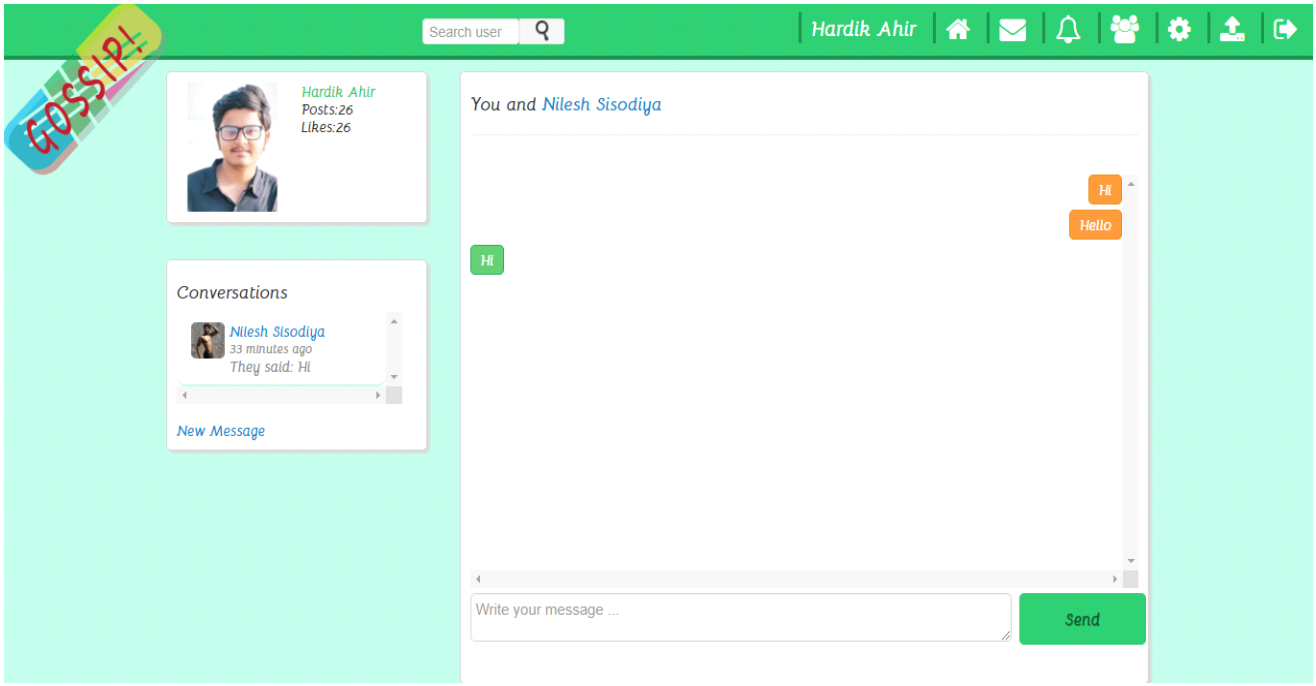
7.3. Newsfeed Page



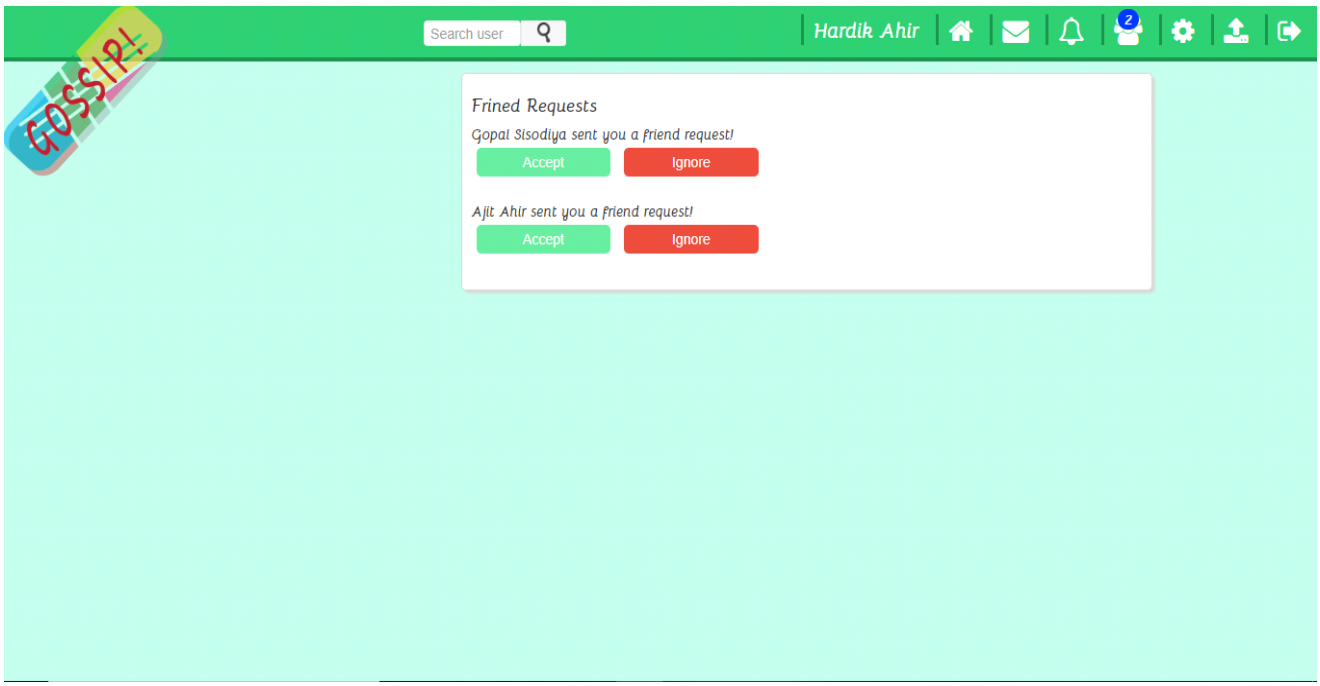
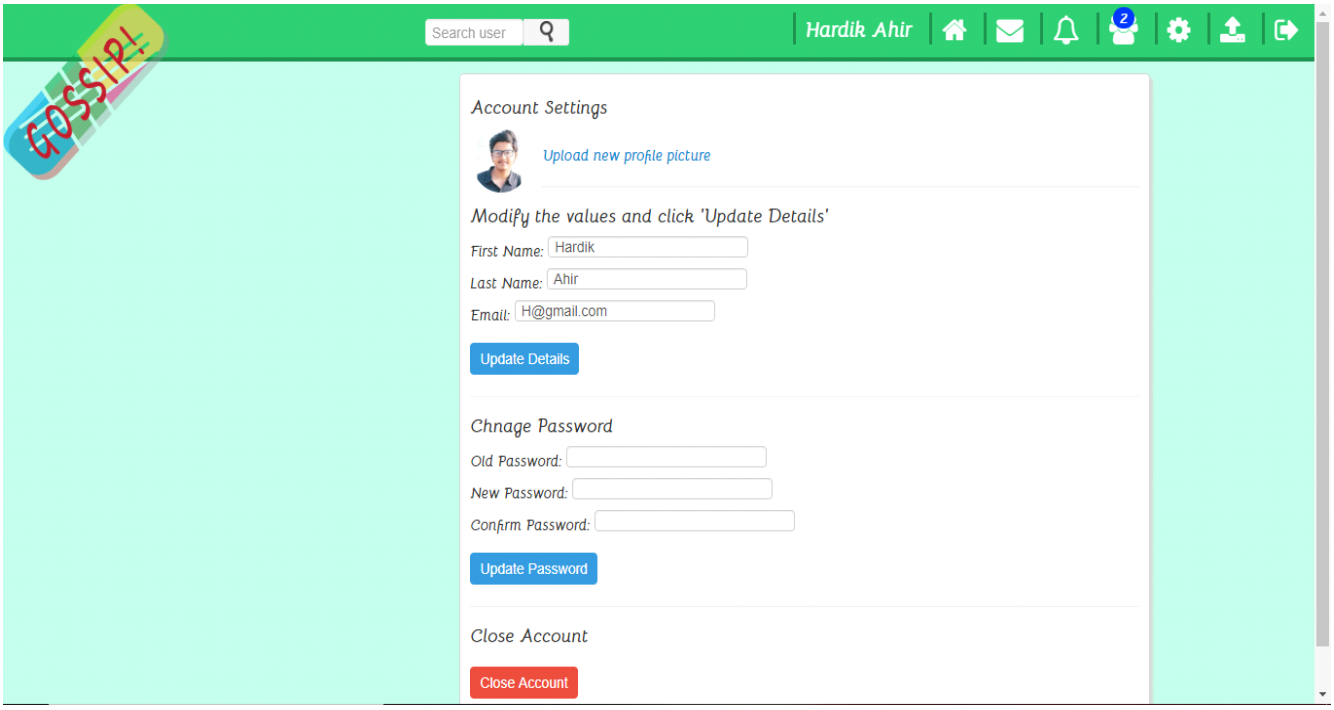
7.4. Profile Page



7.5. Messages Page



7.6. Friend request Page



7.7. Account Page