

Dharmsinh Desai University, Nadiad  
Faculty of Technology  
Department of Computer Engineering

B. Tech. CE Semester – V

Subject: (CE – 515) Advanced Technologies

Project Title: Social media application

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## Abstract:-

In this application I am develop social media application. For sharing a photos, video and audio.

And user want to show only audio or photo or video user can show that. and user can follow or unfollow other user.

## Introduction:-

First of all user is not log in then enter correct credential than user login if user is new user than user and register this application and login. after login user redirect to home page and show all uploaded post. User and add new post in application with some description .and uploaded file is show in all post. User and find all friend .and follow and unfollow a friend .user can show no of followers and following. user edit own profile.and if user want to logout than click logout than user redirect to login page.

In technology I am use angular for frontend and backend nodejs and for database I am using mongo dB database.

## Software Requirement Specifications :-

Angular CLI version :-10.1.2

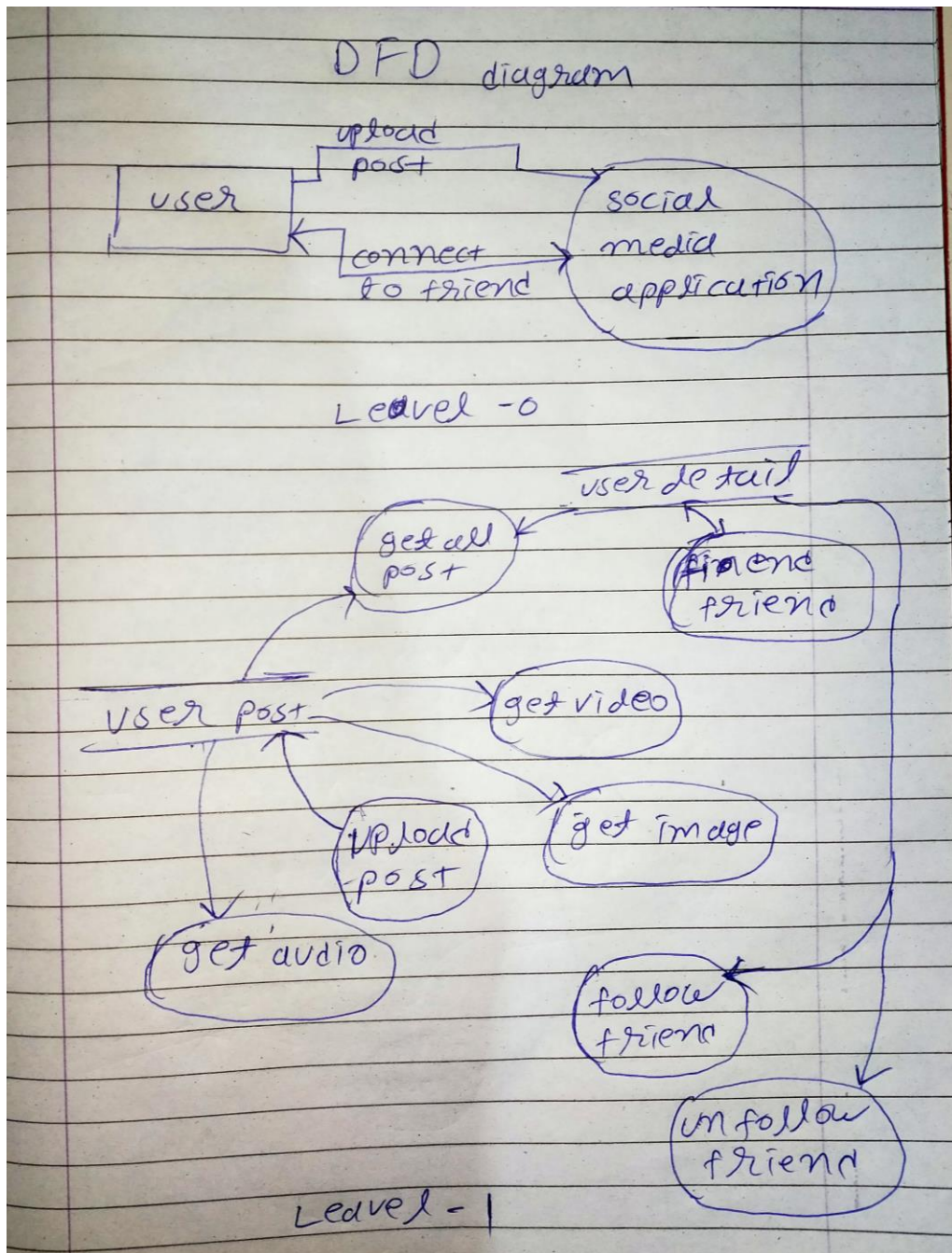
Node js version:- 12.18.2

Mongo shell version:- v4.2.8

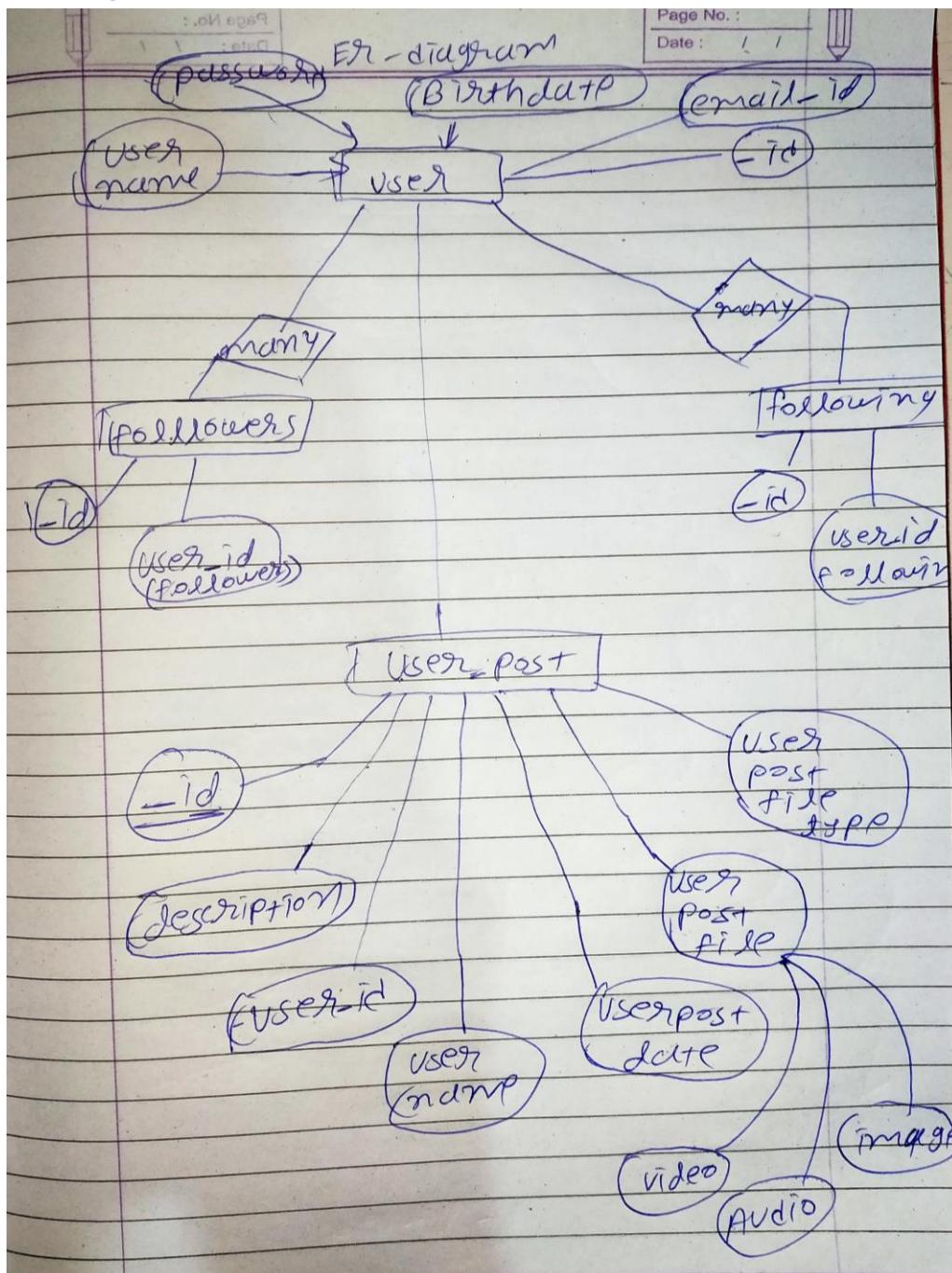
Visual studio for opening a project

Design:-

DFD diagram



## ER diagram



## Data dictionary:-

### User\_detail databse

_id	Unique auto generated
Name	String
Email	String
Password	String
Birthdate	Date
Followers	Array
Following	Array
User_profile_photo	String

### User\_post databse

_id	Unique auto generated
description	String
User_id	String
User_Name	String
User_post_date	Date
Like	Array
User_post_file_name	String
User_post_file_type	String
Comment	Array

## Implementation Detail:-

### Login-register:-

In this module i implement login and register form.register form is add data to data base and login data for validate and ser appropriate name and user id cookies

### Navigation-bar :-

In this model navigation bar and logout button.

### Home-page:-

In home page page divide into 3 phase 2 is side bar and 1 is output of side bar as per routing ling is changed.

**First-page:-**

In this all user post are display.

**Add-newpost:-**

This module 2 filed 1 is description 2 is file upload filed. User can post a new post using this filed.

**My-profile:-**

In this user can edit own profile and user can show no of follows and no of following.

**Fiend-friend:-**

User can follow other people. Display all people that user not follow.

**Post-video:-**

User show all video available in the application and all video are auto play

**Post-photos:-**

This module is display all photos.

**Post-audio:-**

Display only audio.

**Myfriend:-**

Display all friends that user follow in this module. and user want to unfollow some user then user can unfollow other people.

**About-us:-**

This module is show basic detail about me.

**Contact us :-**

In this one text box for email. and text area for description.

**Logout:-**

User using this user can logout.

**Major functionality: -**

Getfriend(id):-

Return a specific user detail pass by id

Add\_unfollowe(data):

Unfollow specific user and update follow and following array in user detail.

User\_authen(data):

User authentication for login purpose.

Creatuserdetail(data):

Creat new user.

Get\_user\_detail()

Get all user detail.

Add\_follow(data):

Update followers array.

Update\_user\_detail(id,data):

Update specific user detail. For edit your profile.

Create\_post(data):

Create new user post. For add new user post.

Getuser\_posts()

Get all post. For display all post.

Getuser\_post(id):

Get specific post.



## Screen shots


### Sgin in


Email id

Password

[sign in](#)

[Don't have account yet ?new Account](#)  
[Forgot password click here](#)





### Sgin Up

Name

Password

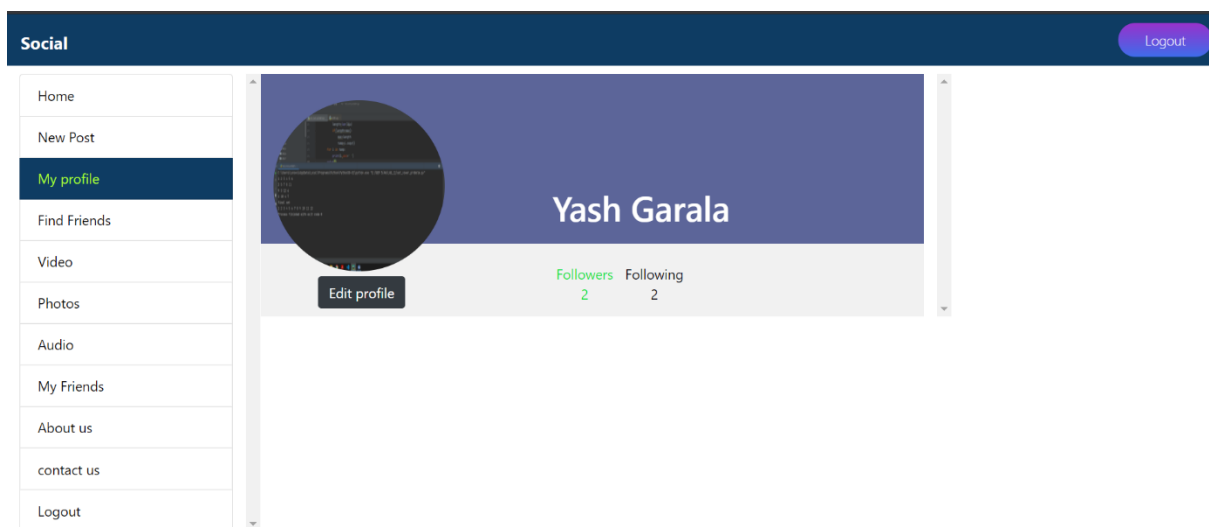
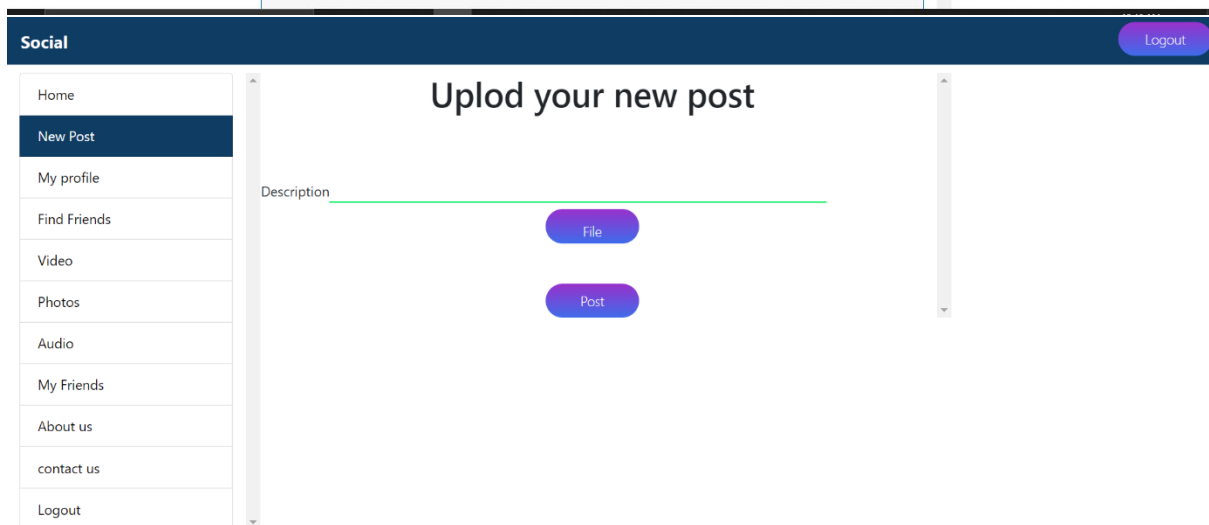
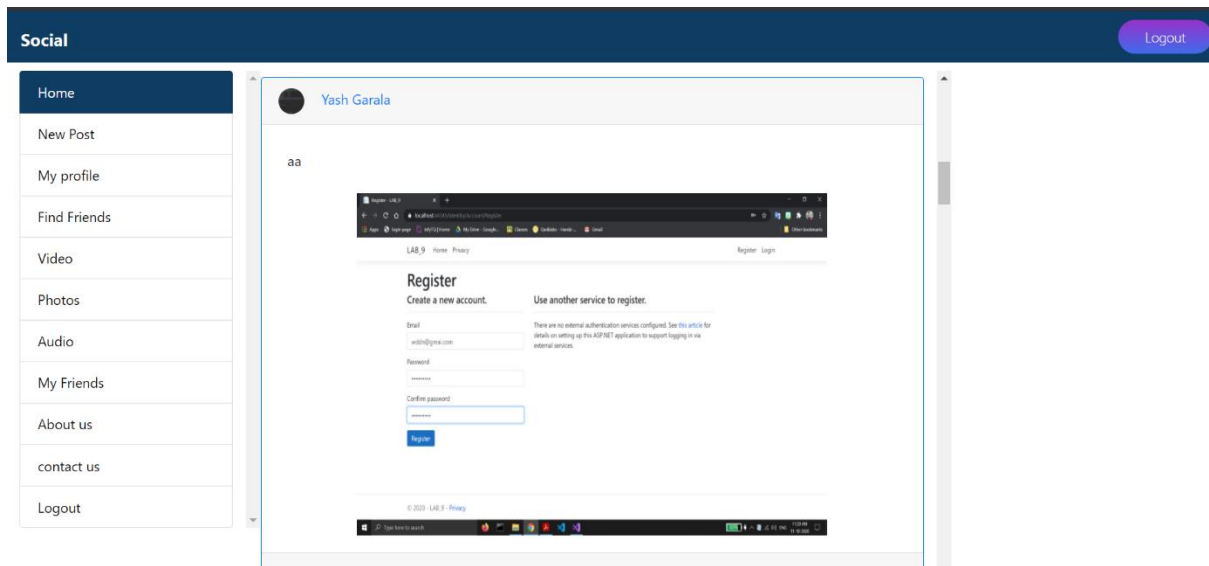
Re Type Password

Email

Birth Date

[Creat Account](#) [I have a account Login](#)







Social

Logout

Home

New Post

My profile

Find Friends

Video

Photos

Audio

My Friends

About us

contact us

Logout

Yash Garala

video

0:00 / 0:18

Social

Logout

Home

New Post

My profile

Find Friends

Video

Photos

Audio

My Friends

About us

contact us

Logout

Yash Garala

dd

Social

Logout

Home

New Post

My profile

Find Friends

Video

Photos

Audio

My Friends

About us

contact us

Logout


Yash Garala


thr

0:00 / 1:01

Social Logout

Home
New Post
My profile
Find Friends
Video
Photos
Audio
My Friends
About us
contact us
Logout


Yash Garala
unFollow


Yash Garala
unFollow

Social Logout

Home
New Post
My profile
Find Friends
Video
Photos
Audio
My Friends
About us
contact us
Logout

About Us

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SUBJECT NAME	Advanced Technologies
PROJECT TOPIC	Social Media Application

Social Logout

Home
New Post
My profile
Find Friends
Video
Photos
Audio
My Friends
About us
contact us
Logout

Contact us

Email

Email id...

Write Your Qurey

Submit

## Conclusion:-

I am implemented login and logout functionality , add new post, follow and unfollow user. user can edit your profile. Show no of followers and following. We can show all post separately like 3 section 1). Only video 2). Only photo 3). Only audio.

## Limitation and Future Extension:-

In this project I will extend add more functionality for example like, comment, user can show only friend post user an not show other user project.

### **Limitation :-**

In new post user must upload image, audio and video .and must insert description in description field.

## Bibliography:-

- Google
- PMJ sir ppt
- W3 schools
- stackoverflow