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## **Proud-Crowd - A College Social Network**

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### **ABSTRACT**

PROUD CROWD ” is a website which has been implemented on the idea of well-connected people that belongs to technical field. This website is for multiple purposes like technical, education and connectivity between every person of their following department. The growing demand of engineers in the industry makes it very important for the students to know about the practical use of technologies that are taught in the college and also to know about the forth-coming technology that the industry works with. Thus, a platform where students can interact with the industry professionals would prove to be a great benefit for them. Anyone can post and share their ideas like videos, research papers. Every individual whether it may be a student or a teaching staff or an alumni, can share their knowledge with the person they want. Here, the meaning of socializing is not related to only sharing posts, we are creating a bridge of communication that will enhance and create a basic awareness of the technologies developing all around. Every person will have their personal profiles for sharing posts. Students will have a major advantage of getting all the social as well as professional information. Faculty will get a advantage of sharing their information

Keywords : PROUD CROWD, Micro-Blogs, Wikis, Social Networking

### **I. INTRODUCTION**

Social media is an internet-based form of communication. We all know about the increasing use of social networking sites, people use various social media platforms counting on their requirements and interest. College social network helps us in creating a communicating bridge among all. There are many varieties of social media, including blogs, micro-blogs, wikis, social networking sites, photo-sharing sites, instant messaging, video-sharing sites, podcasts, widgets, virtual worlds, and more. Student usually waste their time scrolling posts and feeds which does not help them in gaining knowledge and information but when such kind of platform is modified for the student's academic purpose it can be of great use.

Social media is a dynamic platform that can be used in so many ways to share news, knowledge, teaching, learning and connected to students of other universities as well. We are developing this app to create a connectivity between the teachers-students and students of different engineering colleges/universities. This application is to notify a student about various college events and placement opportunities along with all credential notices. Students would be able to post and receive any important notifications regarding to various activities, subject related queries and official updates. The user can be able to view the research conducted by teachers and department of their college as well as of others. It will promote teaching and learning through a more transforming platform. This sites provide a vast amount of information useful for educators and

thus make students learn dexterously discriminate between what information is useful for them and what is not. Thus, college social network not only play a vital role in connecting students and teachers but also play an escalating role in education.

## II. LITERATURE REVIEW

### 2.1 EXISTING SYSTEM

**College Social Network.** This is a college and university messaging app. Principle and head of departments can send messages, notices, event-details, images, videos, links, to a single student, group of student, department wise or entire college. Attendance management , new sounds in liked posts, Colour introduce for student attendance.

**Facebook** is an American online social media and social networking service company based in Menlo Park, California. <sup>[1]</sup> It was founded by Mark Zuckerberg, along with fellow Harvard College

students and roommates Eduardo Saverin, Andrew McCollum, Dustin Moskovitz and Chris Hughes. It is considered one of the Big Four technology companies along with Amazon, Apple, and Google. Facebook relies on its users to generate the content that bonds its users to the service. The company has come under criticism both for allowing objectionable content, including conspiracy theories and fringe discourse, and for prohibiting other content that it deems inappropriate.

<sup>[2]</sup>**Instagram** is a photo and video-sharing social networking service owned by Facebook, Inc.<sup>[3]</sup> It was created by Kevin Systrom and Mike Krieger, and launched in October 2010 exclusively on iOS. <sup>[4]</sup>A version for Android devices was released a year and half later, in April 2012, followed by a feature-limited website interface in November 2012, and apps for Windows 10 Mobile and Windows 10 in

April 2016 and October 2016 respectively. The app allows users to upload photos and videos to the service, which can be edited with various filters, and organized with tags and location information. <sup>[5]</sup>An account's posts can be shared publicly or with pre-approved followers.<sup>[6]</sup> Users can browse other users' content by tags and locations, and view trending content. Users can like photos, and follow other users to add their content to a feed. It is a Social Network Focussing on Sharing pictures ,innovative ideas that students wish to see.

### 2.5 SUMMARY

The overall description of our project is that PROUD-CROWD (a social networking site) has designed for the comfort of students as well as faculty of the college. This project is being implemented on the core idea of socially connecting every person who belongs to technical field. This application is for multiple purposes like technical, education and connectivity between every person of their department. It is the platform where students can interact with teachers and can easily clear their doubts by chatting. Every individual whether it may be a student or a teaching staff or an alumni, can share their knowledge and experience with the person they want. Here, the meaning of socializing is not related to only sharing posts, we have created a bridge of communication that will enhance and create a basic awareness of the technologies developing all around. Every person will have their personal profiles for sharing posts. Students will have a major advantage of getting all the social as well as professional information. Faculty will get an advantage of sharing their information. This application is to notify a student about various college events and placement opportunities along with all credential notices. Students would be able to post and receive any important notifications regarding to various activities , subject related queries and official updates.

### III. PROPOSED WORK

#### 3.1 Proposed system

Modules divided:

1 Signup/Registration: Primarily the user has to register in this app. Student can register into the system once their registration is approved by the admin, they can login into the system.

2 Login: After registration user will login for entering inside the portal.

3 Home page: Once the student logged in into the system, various submodules get opened the submodules are search bar, post, timeline, notification, profile and chatbot. Students can write and post an article on various educational related topics and they can also upload images with their post.

Students from various college connect with the students of another college and

also, they can chat with other students. All the students can view news feed posted by individual student.

#### 2.2 TECHNOLOGY USED

##### 2.2.1 Angular7

Angular7 is a JavaScript (actually a TypeScript based open-source full-stack web application) framework which makes you able to create reactive Single Page Applications (SPAs). Angular 7 is completely based on components. It consists of several components which forms a tree structure with parent and child components. Angular's versions beyond 2+ are generally known as **Angular** only. The very first version Angular 1.0 is known as **AngularJS**. **For Example** : `import { BrowserModule } from '@angular/platform-browser';`

```
import { NgModule } from '@angular/core';
import { AppRoutingModule } from './app-
routing.module';
import { AppComponent } from './app.component';
```

```
@NgModule({
  declarations: [
    AppComponent
  ],
  imports: [
    BrowserModule,
    AppRoutingModule
  ],
  providers: [],
  bootstrap: [AppComponent]
})
export class AppModule { }
```



##### 2.2.2 CSS language:

CSS stands for **Cascading Style Sheets**.

- CSS describes **how HTML elements are to be displayed on screen, paper, or in other media**
- CSS **saves a lot of work**. It can control the layout of multiple web pages all at once
- External style sheets are stored in CSS files

**For Example:**

```
StyleUrls: ['./hero-app.component.css']]
template: `
```

<h1>Tour of Heroes</h1>

```
<app-hero-main [hero] ="hero">
```

```
</app-hero main>
```

```
Export class HeroAppComponent {/* ... */}
```

### 2.3 Supporting Technology 1 (MySQL)

#### 2.3.1 MySQL:

MySQL is free and open-source software under the terms of the GNU General Public License, and is also available under a variety of proprietary licenses. MySQL was owned and sponsored by the Swedish company MySQL AB, which was bought by Sun Microsystems (now Oracle Corporation). In 2010, when Oracle acquired Sun, Widenius forked the open-source MySQL project to create MariaDB. MySQL is an open-source relational database management system (RDBMS). Its name is a combination of "My", the name of co-founder Michael Widenius's daughter and "SQL", the abbreviation for Structured Query Language. MySQL is also used by many popular websites, including Facebook.

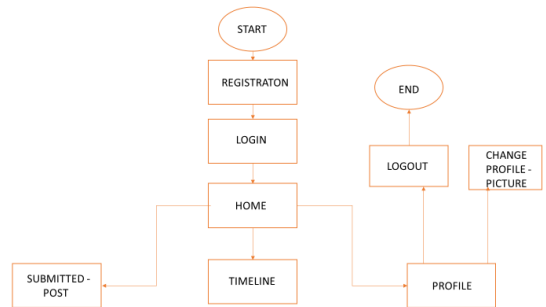
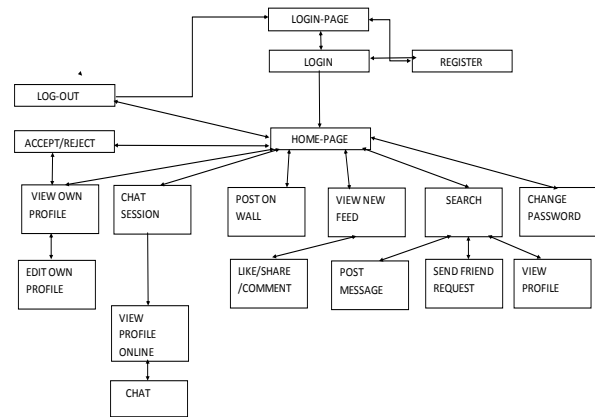
### 2.4 Supporting Technology 2 (MVS)

**Microsoft Visual Studio** is an integrated development environment (IDE) from Microsoft. It is used to develop computer programs, as well as websites, web apps, web services and mobile apps. Visual Studio uses Microsoft software development platforms such as Windows API, Windows Forms, Windows Presentation Foundation, Windows Store and Microsoft Silverlight. It can produce both native code and managed code. Visual Studio includes a code editor supporting IntelliSense (the code completion component) as well as code refactoring. The integrated debugger works both as a source-level debugger and a machine-level debugger. Other built-in tools include a code profiler, forms designer for

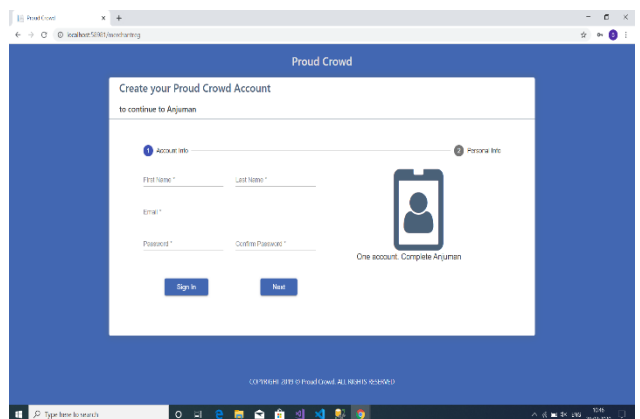
building GUI applications, web designer, class designer, and database schema designer.

## IV. IMPLEMENTATION DETAILS

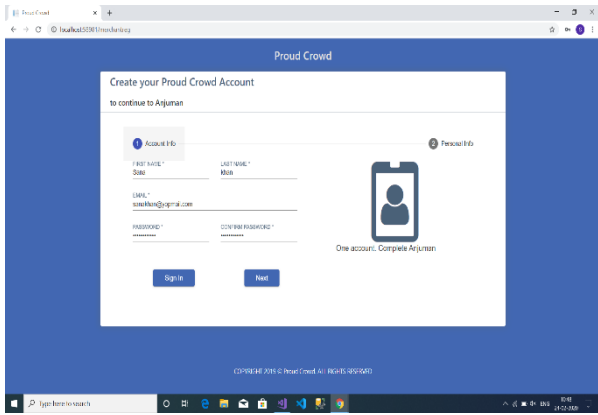
### 4.1 DIAGRAM



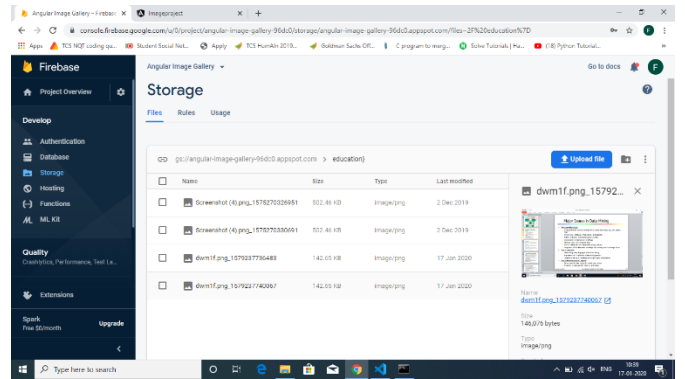
### 4.2 MODULE -1



Fig(a)

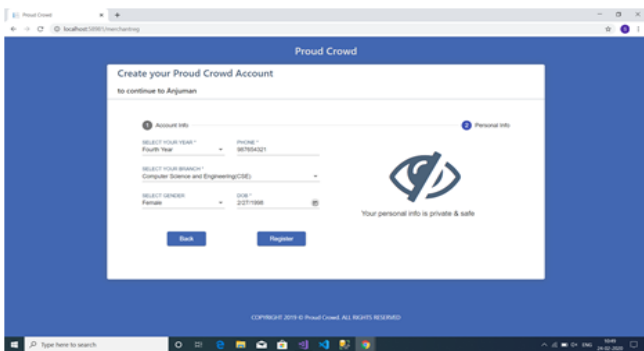


Fig(b)



Fig(g)

4.3 MODULE-2

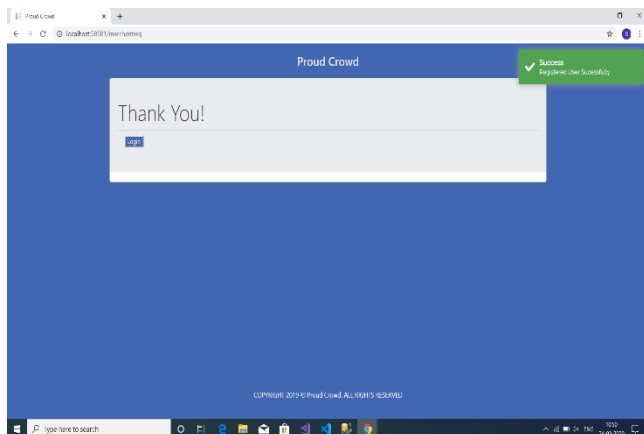


Fig(c)

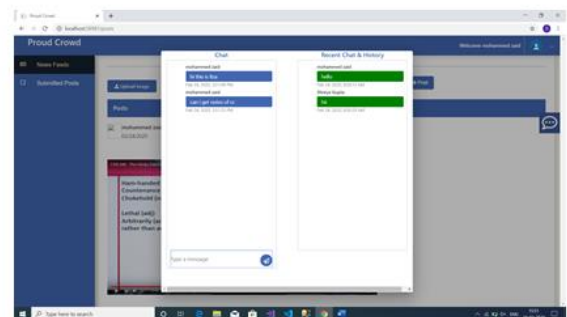
Post:



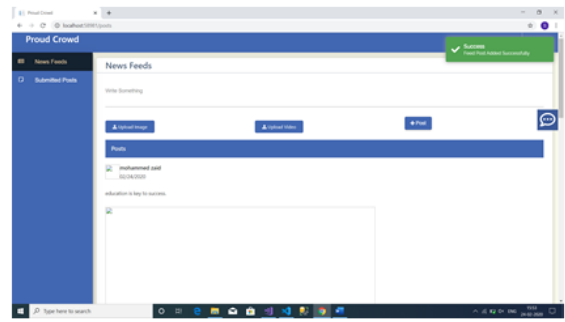
Chat:



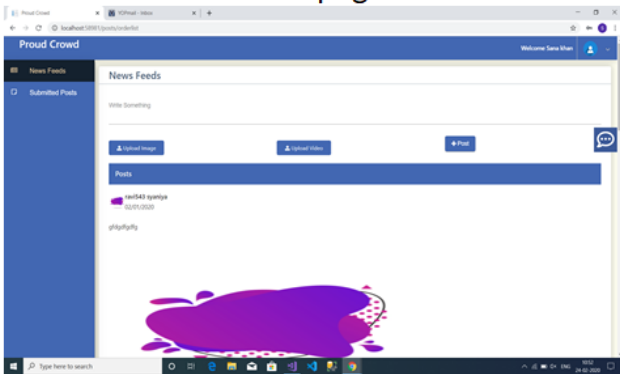
Fig(d)



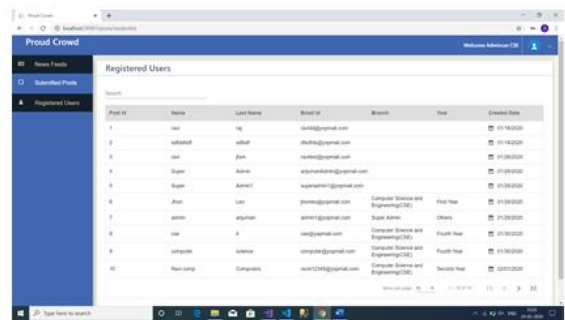
### Timeline:



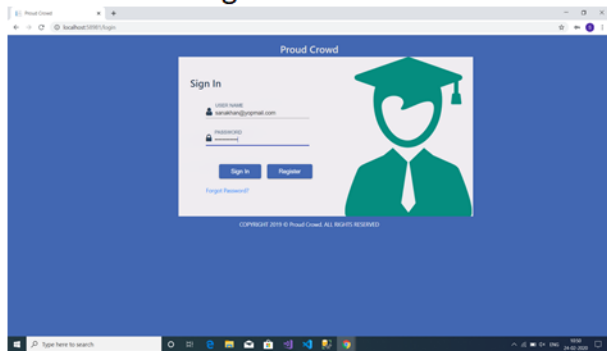
### Home page:



### Admin module:



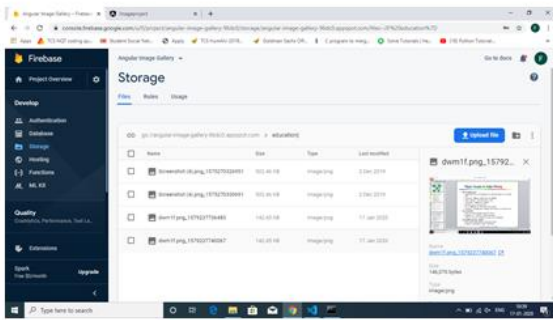
### Sign In module:



### Departments



## Backend



## V. CONCLUSION

Throughout this project our aim is to develop a web application that provides maximum resources to the students at one time. This will allow student to interact with other students of their department as well as this will also allow to interact with teachers. The project objective is to build the application which would be beneficial for college as well as students. This application serves according to the basic needs of the students related to their education purpose. This system is based on social, educational and professional awareness among everyone. We are spreading knowledge by using this social platform. This will be useful for every person, as they will get to post their ideas and information. This social network is very secure and informative for every person. Students can make more friends within short span of time. Students and Faculties will be updated with new thoughts and views.

Faculties can share information and useful knowledge by using this application. This will provide connectivity between all the college members and students. It will also be enhanced learning management systems and also provides access to information. Increase in the exposure of diverse views. Allows the users to post their course

material, quizzes, assignments and other sources related to education and also give them permission to access the posted content.

## VI. REFERENCES

- [1]. <https://www.facebook.com/LBI2019/posts>
- [2]. <https://www.quora.com/Does-Facebook-own-Instagram>
- [3]. [https://www.youtube.com/watch?v=KjVAW8y\\_wqRk](https://www.youtube.com/watch?v=KjVAW8y_wqRk)
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- [5]. [https://www.facebook.com/artistixeit/posts/?ref=page\\_internal](https://www.facebook.com/artistixeit/posts/?ref=page_internal)
- [6]. <https://github.com/fdorado985/InstagramClone>