



Social Networking Website for College Students

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Social Networking Website for College Students

Category: Web Application

Purpose:

- The purpose of this website is to create a platform for students of the college to connect with each other and share their thoughts, experience, creative ideas, opportunities, other useful information and resources.

Scope:

- This will let users share their thoughts and moments. This will also help them in sharing academic updates. It will also serve as a good medium for updating students regarding various events and activities in the college.

Introduction:

- Introduction contains the following sub categories.

Existing System:

In the present system we have different platforms for different purposes. Like example:

- Institute Web Mail for events and academic updates
- Need to join groups in social media for getting different club event updates.
- No platforms for sharing moments and ideas.

It has following disadvantages:

- It's a limited system and fewer users friendly
- Searching of particular information is critical it takes lot of time

- Limited sharing of information.

Proposed System:

- The proposed system aims to tackle the drawbacks of the existing system. This website clubs all the features provided by different platforms into one platform. The system after careful analysis has been identified to be presented with the following modules:

1. Registration :

Users will be required to register on the network using their name, college email id and need to set a password for the same.

2. Login :

After registration users can login into their account using their email id and password.

3. Posts:

Users can post their ideas, memes, videos, information updates regarding college.

4. Like Option:

Users will be able to like other people's posts.

5. Feed Section:

Every user will be able to see the posts made by any person in the network.

6. Academic Updates:

Academic section can also post academic updates like Time table, info regarding college events , announcements and other important information.

7. Edit Post:

Users will have the facility to edit the posts they have made in case there is some mistake.

8. Delete Post:

Users can even delete the posts they have made at any point of time.

Functional Requirements:

Functional Requirements of our system are explained below:

- Users must be students of the institute. They must login using their institute email id and password to create their individual profiles in the respective webapp
- They must have valid institute email id.
- Students are given access to all the events and activities going on in the campus

Non Functional Requirements:

Requirements that specify criteria that can be used to judge the operation of a system are called non-functional requirements. Non-functional requirements of our system are mentioned below:

- Admin access will only be given to the college management.
- Flexible service based architecture will be highly desirable for future extension.

Software Tools:

Database server: NoSQL Server - MongoDB

Client: Any web browser

Development Tools: VSC

Programming Languages: React js, express js, mongodb, nodejs

Deployment:

Operating System Server: Window 10, Linux, UNIX

Hardware Specification:

Processor: Intel Core i5

RAM: 4GB

Hard Disk: 500TB