

DBMS COURSE PROJECT



COLLEGE SOCIAL MEDIA MANAGEMENT SYSTEM

Presented by Group 2

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Introduction

Peek into the World of NITC

This Webapp will connect Students and Clubs around the College and allow them to interact and collaborate for various events happening across the campus.

FEATURES



PROFILE

Students and Clubs can maintain their own social media profile

INTERACT

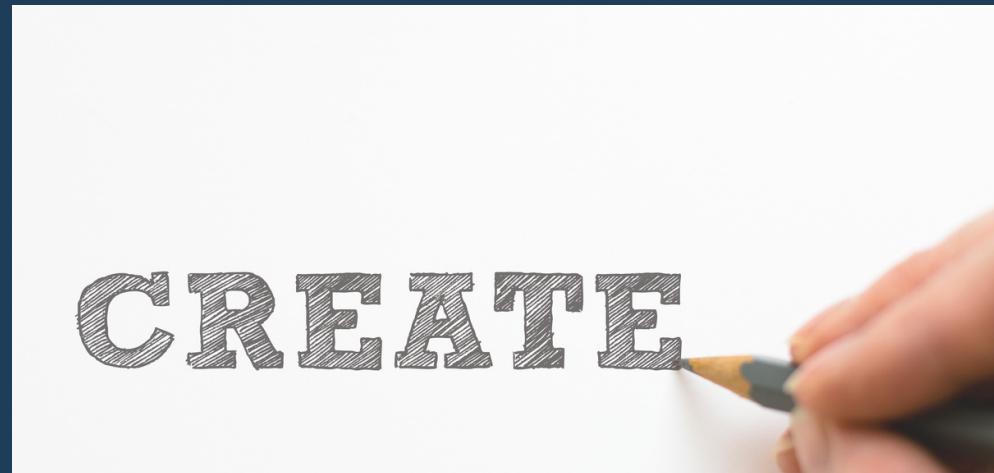
Chat with your campusmates and share your ideas



NEVER MISS AN EVENT

Clubs and Students can add, update notify each other regarding upcoming events

FEATURES



HAVE AN IDEA?

Want to discuss an idea?
Why wait?
Start a discussion by
creating a thread on it.



HAVE A QUERY?

Can create a post and share
it with other users and they
having options to Upvote /
Downvote , Comment on it.



WORRIED OVER PRIVACY?

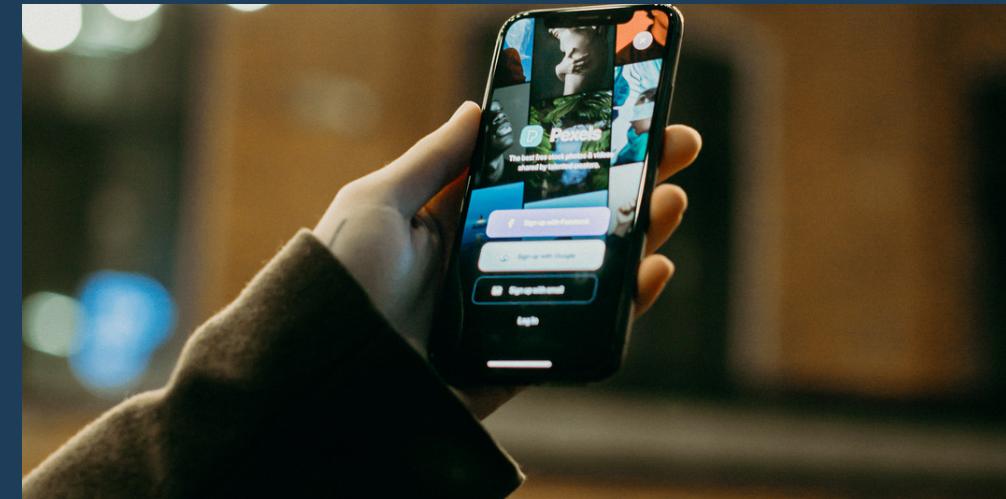
All the text messages and
personal details are end to
end encrypted

FEATURES



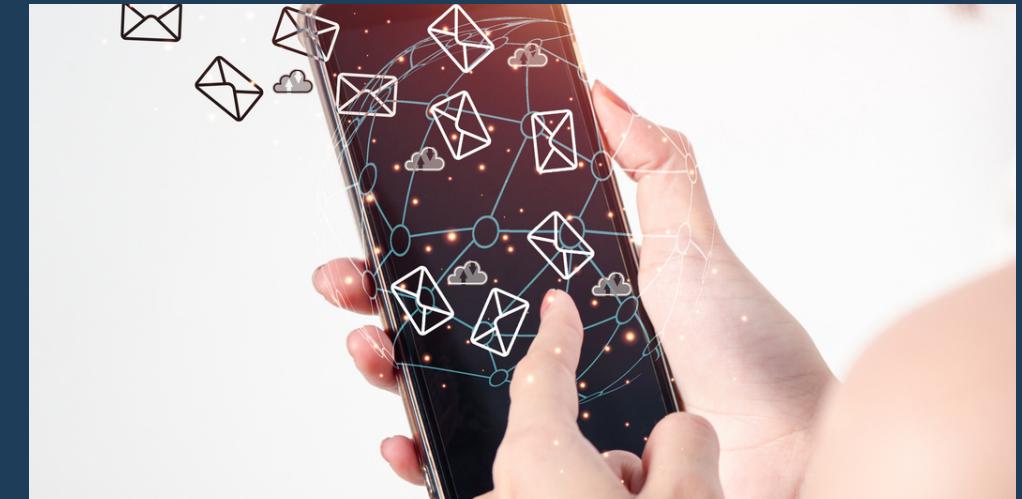
INAPPROPRIATE POSTS?

Users can report over any inappropriate posts/queries and the system admin will get notified regarding it.



SMOOTH USER EXPERIENCE

The webapp will be updated regularly giving a smooth user experience



NO SPAM USERS

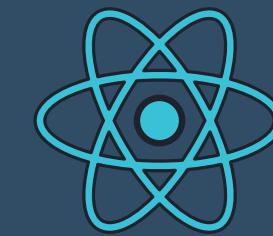
The integrity of the posts and thread discussions is managed by the system admin

TECHSTACK



FRONT-END

Bootstrap
ReactJS



DATABASE

MySQL



BACKEND

NodeJS



NORMALIZATION

1NF

The tables are in 1NF, as each table contains atomic values and each record is unique.

2NF

Along with being 1NF , The tables have no partial dependencies.

3NF

In addition to 2NF , The tables have no transitive functional dependency.

BCNF

In addition to being 3NF, for every Functional Dependency present in tables, the Left Hand Side is a Super Key

PRIVACY CONSTRAINTS



Messages are end to end
encrypted



Integrity of the content
over platform is
managed by Admin



Email Authentication is
required while
registration

Demo

Thank you