



SYNOPSIS

ON

VIBIN

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INTRODUCTION

Social media is an interactive computer-mediated technology that facilitates the creation or sharing of information, ideas, career interests and other forms of expression via virtual communities and networks.

Motivation: we wanted to build an app which allows you to reach people locally, regionally, nationally and even internationally. To provide a platform where people can connect with other people around the world to share their thoughts and get to know other cultures around the world. The project has been developed using NodeJS and ExpressJS as Backend and MongoDB as Database and React for the Front-end work. The user is provided with a database where the information is stored and can be retrieved any time when required. Security is maintained for the system, there is a User Mail and Password for an authorized person only that person can access the data in the system.

The purpose of this project is to develop Online Social Media Application. The main purpose of this Online Social Media App project is to allow users to post interesting events that happened in their lives.

EXISTING SYSTEM

The Vibin has the pool of Users Post, Where the Title, Message, Tag, Like and Comments, the Search Vibin, the Search Tags. The Vibin Social Media Application is an idea to post recent happening in their life with other people all around the world for example we have Facebook, Instagram which provide users to connect, chat, share posts with people all around the world.

The Vibin Application consist of a Log-in/ Sign-up page where users with the help unique mail ID and passcode get login onto the page, After Log-in users will be able to search other posts or to create their own Vibin post. They can also see others post and can like or comment on them. The user admin can also delete and edit their post even after uploading them. They can also watch how many likes they have gotten. The Vibin work on both Laptop and Mobile.

USE OF THE PROJECT

Online Social media project could be a web Application which is developed or implemented in Scripting Language. This project allow users to post interesting events that happened in their lives. In current generation people wants to share their events happening in their life. The social media application is an online community designed to make your social life more active and stimulating. The Vibin can help you maintain existing relationships with people and share pictures and messages. Vibin is a Social Media Application which is a web based service providing its users to construct a public or semi public profile within a bounded system .

Feasibility of Project

The Application is called "Vibin" and it is a simple social media app that allows users to post interesting events that happened in their lives.

There are total SIX module in our project:

- User
- LOG-IN
- SIGN-UP
- Profile
- Share Posts
- Comment and Like on Posts

The most important modules is User.

The Vibin has 5 modules for User which are:

- **ADD Post:** User can upload any type of post.
- **Update Post:** Admin can change or add or delete their Post.
- **View Categories:** User can handle categories of Post.
- **Remove Post:** User can Add and remove Post.
- **Profile Check:** User can check the profile of other user

Features:

- Signup and Login
- Create a profile.
- Edit profile
- Share posts(Photos, Text posts).
- Comment and Like on Posts.
- Search other people's profiles
- Search Tags
- Reset password via email.

Technologies used:

Frontend technologies:

HTML: Hypertext Markup Language is the standard markup language for documents designed to be displayed in a web browser

CSS: Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript

Reactjs: React is a JavaScript library for building user interfaces. It is maintained by Facebook and a community of individual developers and companies. React can be used as a base in the development of single-page or mobile applications.

Material UI: Material-UI is an open-source project that features React components that implement Google's Material Design.

Backend technologies:

Node.js: Node.js is an open-source, cross-platform, JavaScript runtime environment that executes JavaScript code outside of a web browser

Express.js: Express is a minimal and flexible Node.js web application framework that provides a robust set of features for web and mobile applications.

Database:

MongoDB (mongoose) : MongoDB is a cross-platform document-oriented database program. Classified as a NoSQL database program, MongoDB uses JSON-like documents with schema. Mongoose is an Object Data Modelling (ODM) library for MongoDB and Nodejs. It manages relationships between data, provides schema validation, and is used to translate between objects in code and the representation of those objects in MongoDB.

Software Specification:

Technology Implemented:	MERN
Language Used:	Scripting language
Database:	MongoDB cluster
User Interface Design:	React
Web Browser:	GOOGLE CHROME

Hardware Requirements:

Processor:	RYZEN 5
Operating System:	WINDOWS 11
RAM:	8 GB
Hardware Devices:	ASUS LAPTOP
Hard disk:	512GB SSD, 1TB

FUTURE SCOPE

- Social media will make all of its content, including individual posts, searchable via Google.
- It can be used anywhere any time as it is a web-based application.
- Creating and sharing media will become increasingly easy as wearable technology becomes mainstream.
- Everything will be mobile. Responsive and able to work on any device will be the norm.
- Social Media can create peer motivation, inspiring young people to develop healthy habits, try something new, follow their dreams, and speak up about things that matter to them.
- Users will be able to share their thoughts and events happening in their lives.