CHAT ALONG

Framework for frontend and backend – Next Js with Typescript

**Libraries using:-**

* Material UI
* Redux Js Toolkit
* React Redux
* React Hot Toast
* Json Web Token
* Dotenv
* Mongoose
* Framer Motion
* React Spinner
* Chart Js
* React Chart Js 2
* Material Icons
* Socket IO
* Cors
* Multer

**Application Programming Interfaces (APIs):-**

1. **Users:**

* login
* logout
* signup
* change-password
* get-user-profile
* edit-user-profile
* delete-profile
* follow-unfollow-user
* send-message
* add-status
* delete-status
* block-unblock-user

1. **Public:**

* search-users
* view-user-profile

1. **Posts:**

* create-post
* delete-post
* edit-post-caption
* comment-post
* like-unlike-post
* edit-post-comment
* delete-post-comment

1. **Admin:**

* login-admin
* delete-user
* list-all-users
* list-all-posts

**Database(Mongo DB):-**

1. **User:**

* Name: string
* Email:string
* Password:string
* Phone:string
* Username:string
* Posts:[{  
   postId:objectId,  
   ref:”posts”  
  }]
* Following:[{  
   userId:objectId,  
   ref:”users”  
  }]
* Followers:[{  
   userId:objectId,  
   ref:”users”  
  }]
* Image:dummy
* Status:[]
* Blocked\_user:[{  
   userId:objectId,  
   ref:”users”  
  }]

1. **Posts:**

* Creator:[  
  userId :{  
   type:objectId,  
   ref:”users”  
  }]
* Post\_image:dummy
* Caption: string
* Likes:number
* Comments:[{  
   comment:string,  
   userId:{  
   type:objectId,  
   ref:”users”   
   }  
  }]

**Frontend:-**

**Home page(Logged In):**

ChatAlong

Creator name

Date

Following Statuses

Your Status

Delete Post

Edit Post

.

.

.

Home Search Chat Create\_Post Profile

Caption

Likes Comments

Post Image

**Home page(Not Logged In):**

ChatAlong

SingnUp

Home Search Login

Post Image

Creator name

Date

**Search page(Logged In):**

Delete Post

Edit Post

.

.

.

Caption

Likes Comments

Icon Search

Home Search Chat Create\_Post Profile

username

name

followers

username

name

followers

username

name

followers

**Search page(Not Logged In):**

Icon Search

Home Search Login

username

name

followers

username

name

followers

username

name

followers

**Choose chat page:**

Messages

name

last message

name

last message

name

last message

name

last message

name

last message

name

last message

**Chatbox page:**

.

.

.

Name

Username

Block User

**Create post page:**

Friends Message

Your Message

Message input

New Post

**Profile page:**

Post

Post Image

Post image url goes here…

Choose Image

+

OR

Your caption goes here……

Blocked Users

Delete Profile

.

.

.

Posts Followers Following

Home Search Chat Create\_Post Profile

Name

bio

userame

Logout

Edit Profile

**Edit Profile page:**

Edit Profile

Change Password

Email

File or Url

Name

Bio

**User Profile page:**

Block

username

Name

bio

Posts Followers Following

Message

Follow/Unfollow

**Notification page:**

Notifications

Home Search Chat Create\_Post Profile

Notifications

Notifications

Notifications

Notifications

Notifications

Notifications

Notifications

Notifications

**Signup page:**

ChatAlong

SIGN UP

Create Account

Already have account? Login

File or Url

Name

Username

Bio

Email

Phone

Password

**Login page:**

ChatAlong

LOGIN ACCOUNT

Create Account

Dont have account? Signup

Password

Username