

# StudyRoom

## Features:

1. Schedule an event/ class / meetup provided.
2. Forum feature with every event.
3. Maximum 30 attendees can go to the venue.
4. Attendees can see the venue location on google map with the event info.
5. Users can create their own customised profiles with features like uploading profile pictures, writing about themselves.
6. Events can be filtered based upon the host and whether the user is going to the event or not.
7. Separate attendees list for every event.
8. Pair code feature.

## Folder Structure

### Organised by features

Main Route called through App.js and is located in [src/app/layout/App.jsx](#)

Main app will run on localhost:3000

**App.jsx:** It has different routes, if we click on schedule your class it will take us to the desired route.

### Structure of src:

Index.js

reportWebVitals.js

setupTests.js

**1)Features: all the features are further divided into different components**

**>auth: deals with all the authentication features such as fb / google login**

AccountPage.jsx

LoginForm.jsx

RegisterForm.jsx

SocialLogin.jsx

UnauthModal.jsx

authActions.js

authConstants.js

authReducer.js

**>events: displays the events scheduled and their details**

**> eventDashboard: event when viewed from the feed basic details will be shown**

EventDashboard.jsx

EventFeedItem.jsx

EventFilters.jsx

- EventList.jsx
- EventListAttendee.jsx
- EventListItem.jsx
- EventListItemPlaceholder.jsx
- EventsFeed.jsx

**> eventDetailed: after selecting the event its details can be viewed.**

- EventDetailedChat.jsx : chat functionality
- EventDetailedChatForm.jsx
- EventDetailedHeader.jsx
- EventDetailedInfo.jsx
- EventDetailedMap.jsx : if user want to see the location
- EventDetailedPage.jsx
- EventDetailedSidebar.jsx

**> eventForm:For creating an event**

- EventForm.jsx

- eventActions.js
- eventConstants.js
- eventReducer.js

**>home : homepage contents/ starter**

- HomePage.jsx

**>nav: contents of the navbar**

- NavBar.jsx: link to go back to home or events or Cocode
- SignedInMenu.jsx
- SignedOutMenu.jsx

**>profiles: User's profile content**

**>profilePage**

- AboutTab.jsx : for adding about user
- EventsTab.jsx
- FollowingTab.jsx: represent the no of users being followed
- PhotosTab.jsx
- ProfileCard.jsx
- ProfileContent.jsx
- ProfileForm.jsx
- ProfileHeader.jsx
- ProfilePage.jsx

- profileActions.js
- profileConstants.js
- profileReducer.js

### **>sandbox: for testing purposes**

Sandbox.jsx  
TestMap.jsx  
TestModal.jsx  
TestPlacedInput.jsx  
testReducer.js

## **2)App:**

### **>api**

categoryOptions.js  
mockApi.js  
sampleData.js

### **>async**

asyncReducer.js

### **>common**

#### **>errors: if error is thrown**

ErrorComponent.jsx

#### **>form: for taking inputs of various fields**

MyDateInput.jsx  
MyDateInput.jsx  
MyPlacedInput.jsx  
MySelectInput.jsx  
MyTextArea.jsx  
MyTextInput.jsx

#### **>modals**

ModalManager.jsx  
ModalWrapper.jsx  
modalReducer.js

#### **>photos: functionalities while uploading pictures to user's profile**

PhotoUploadWidget.jsx  
PhotoWidgetCropper.jsx : widget while cropping the picture  
PhotoWidgetDropzone.jsx

#### **>utils**

util.js

### **>config:configuration files such as api keys**

firebase.js: keys and setup for firebase  
key.js: google api key

### **>firestore: setting up firebase and firestore**

firebaseService.js: set of rules for setting up firebase  
firestoreService.js: set of rules for setting up firestore

### **>hooks: hooks for firestore custom hooks**

useFirestoreCollection.js

useFirestoreDoc.js

**>layout: Responsible for the layout visible after running our app**

App.jsx

LoadingComponent.jsx

PrivateRoute.jsx // for securing app

ScrollToTop.jsx

Styles.css

**>store**

configureStore.js

rootReducer.js

**3) Cocode : for opening this click on Cocode and open in new tab**

**>Backend** localhost3001

**>Client** localhost5000

**4)functions : cloud firestore functions.**

index.js

## **DataBase: Firebase**

Realtime Database: For implementing the forum functionality for every event

Firestore Database:

Events: events created are stored here.

Following:count of the following

Users : new users created are stored here

## **Steps to run the code:**

- 1) Clone the code
- 2) Run 'npm i' to install all the modules and libraries
- 3) Run 'npm start' to start the server and cod