

Messenger Web App

Introduction

- This app was created by Phan Trọng Thuyền
- Using React, Redux and Firebase
- A simple chat app, you can use to chat with other person, you can also send image file.
- Git repository: <https://github.com/billhcmus/messenger-react-redux-firebase>

How to build

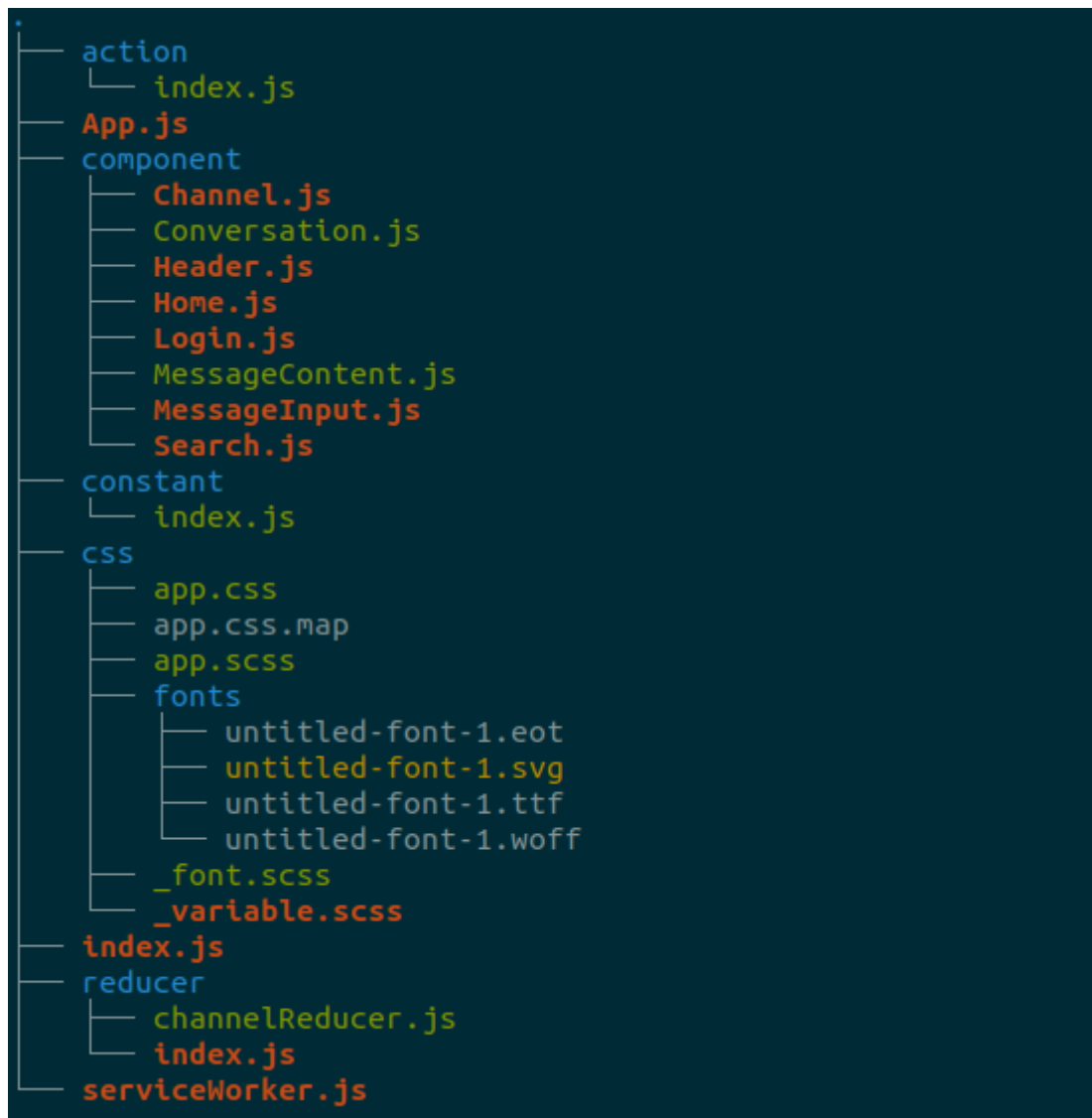
- Go to project path and type the follow command:

```
npm start
```

Function

- Login with google authentication
- Chat to each other realtime
- Show user status online or offline
- Give a star to one person, that person will be on top of conversation.
- You can search people by name, after click on one person in result you can chatting with he/she

Project structure



- Detail:
 - index.js
 - Maybe tell that file is an entrypoint of react program, this file contain all config of firebase
 - Import some css file or initialize state for redux
 - App.js
 - Contain Route, this component will decide what page you can access
 - On componentWillMount this will register a event call onAuthStateChanged. Therefore when user login success, this will access to firebase and write some information.
 - Component
 - This folder contain some component of the chat, such as: Login, Channel, Conversation and so on.
 - Login.js This component will render the interface for user login. But when user used to login or something like that, this will redirect to homepage.
 - Home.js This contain main content about chat, include header, messages contain, messages input, search, channel.
 - Header.js This component will show channel info, also this show avatar of your,

when click on avatar you can choose logout to end your session.

- `Conversation.js`: This component contain another component: Search, Channel, MessageContent
- `Channel.js`: This component contain some state about users, users was mapped from firebase realtime database and this will update when any person login to chat app. When you login, this will show all available user in chatapp. And this will sort when you have change on any channel. when you click at any channel, channel will be actived and you can send message or send images to this user.
- `MessageContent.js`: This will show all message belong to active channel, when you click to one channel, this component will show message of this channel. This content MessageInput to type your message or send your file.
- `constant`:
 - This folder contain one file call `index.js` to definition some variable const.
- `action`:
 - This contain some define of action. Ex: `changeActiveChannelId`
- `CSS`:
 - This contain some style sheet for above component.

Package using in this Project


```
redux
react-redux
react-redux-firebase
firebase
antd
react-dom
react-firebase-file-uploader
lodash
classnames
moment
is-image-url
```

Web Page

<https://messenger-mid-term.firebaseio.com>

Git commit

update report


 billhcmus committed 3 minutes ago



80db687



update report

 billhcmus committed 8 minutes ago



6c8b6c4



add images and update new readme

 billhcmus committed 10 minutes ago



bc60d56



Commits on Nov 10, 2018

change login page

 Phan Trọng Thuyền authored and Phan Trọng Thuyền committed 3 days ago



3b7945d



search user function


 Phan Trọng Thuyền authored and Phan Trọng Thuyền committed 3 days ago



2d6f0f0



upload image, show image when send imgurl, set star, sort by star whe...

 Phan Trọng Thuyền authored and Phan Trọng Thuyền committed 3 days ago




fe92897



Commits on Nov 9, 2018

fix sort list channel

 Phan Trọng Thuyền authored and Phan Trọng Thuyền committed 4 days ago



ff095ff



change active channel when message come


 Phan Trọng Thuyền authored and Phan Trọng Thuyền committed 4 days ago



f7a33d2



sorted channel


 Phan Trọng Thuyền authored and Phan Trọng Thuyền committed 4 days ago



b7a77a2



update git


 Phan Trọng Thuyền authored and Phan Trọng Thuyền committed 4 days ago



8219ff8



convert react-redux & firebase to react-redux-firebase

 Phan Trọng Thuyền authored and Phan Trọng Thuyền committed 4 days ago




62dce04



Commits on Nov 5, 2018

update readme

 billhcmus committed 8 days ago



03431f6



init commit

 billhcmus committed 8 days ago



8329ace

