Genio chat  
  
A simple web based application developed using **React.js**. The App consists of multi components which are nested together to produce single page app.

App Components

* Container
* ChatBox
* ChatForm
* Message

The hierarchy of the Components Diagram

Description automatically generated

Functionalities of the App

* **Chat alignment** of messages depends on how is the sender and how the Reciver. This was implemented based on specific value in the messages array “**sendby**”.
* **Human Friendly Datetime**. This was done using “npm package” called “react-moment”.
* **Close and open chat box button.** A toggle button used to hide or show the chat box based on the status of Booleanvariable**.**
* **Unseen badge.** Label used to show number of unseen messages while the chat box close.
* **Message Reaction.** When the user moves the mouse over the message text a popup will appear to allow the user to make reaction on the message.
* **Emoji Box**. In the Chat form there is an icon button used to display a popup when the mouse moves over it. When the user clicks on an emoji it will append this to the text input.
* **Peer is typing,** the user will be notified on the other chat box will typing a message.
* **Message Delete:** when the user Double click the message a prompt will appear to delete the message or cancel for discard deleting.

The Main used “npm packages”

* **semantic-ui-react** : used to implement Transitions, Popup and Icons.
* **React-moment:** used to make date time human friendly.
* **html-react-parser:** used to in some place to pars string to html (message reaction, deleted messages).

Screenshot when the App start

Graphical user interface, text, application

Description automatically generated

Screenshot after some messages exchange.

Graphical user interface, text, application, chat or text message

Description automatically generated

Screenshot after close a chat box and the is on unseen message

Graphical user interface, text, application, chat or text message

Description automatically generated

Showing the reaction popup

Graphical user interface, application

Description automatically generated

Showing the Emoji Popup

Graphical user interface, application

Description automatically generated