

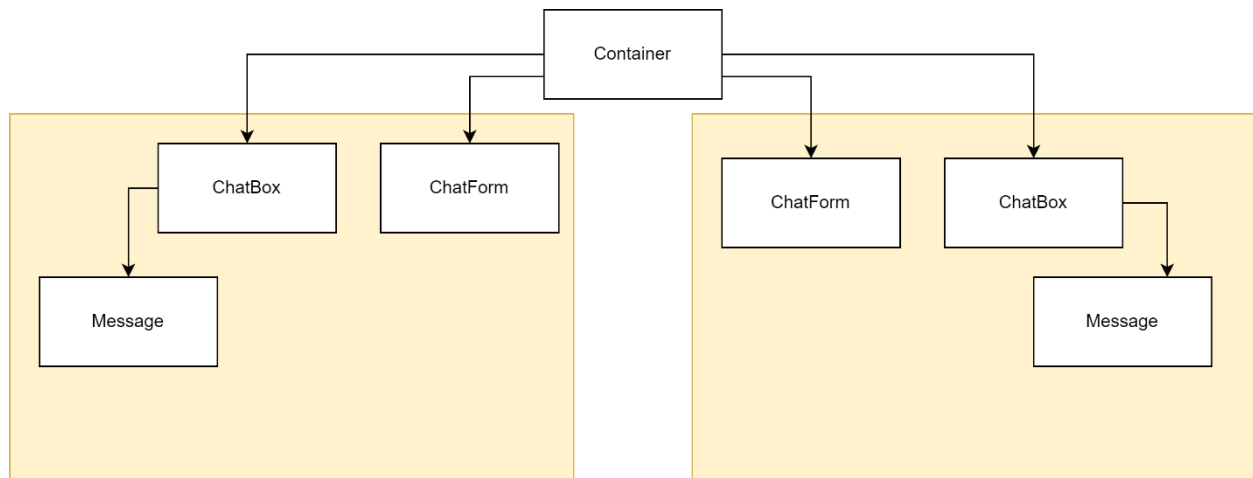
Genio chat

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



Functionalities of the App

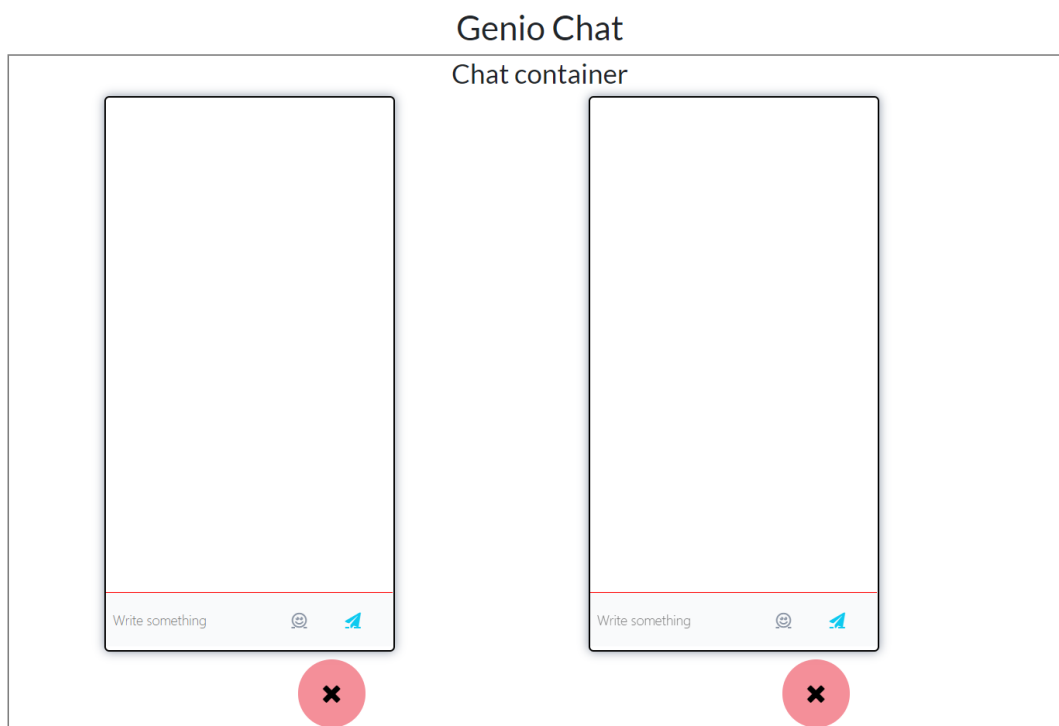
- **Chat alignment** of messages depends on how is the sender and how the Reciver. This was implemented based on specific value in the messages array "**sendby**".
- **Human Friendly Datetime**. This was done using "npm package" called "react-moment".
- **Close and open chat box button**. A toggle button used to hide or show the chat box based on the status of Boolean variable.
- **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.

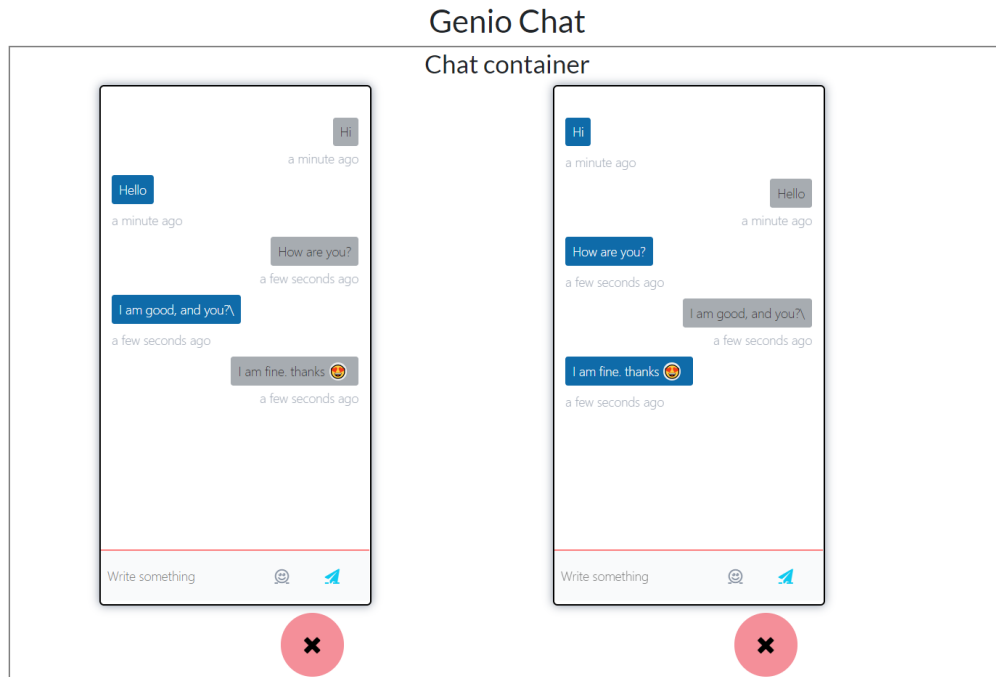
The Main used “npm packages”

- **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).

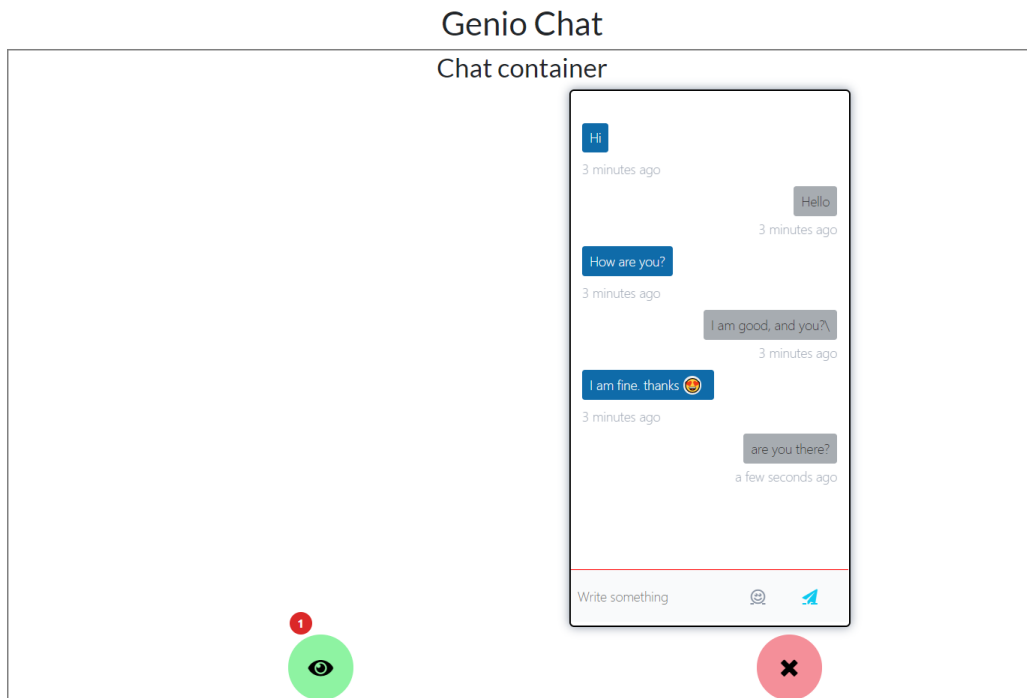
Screenshot when the App start



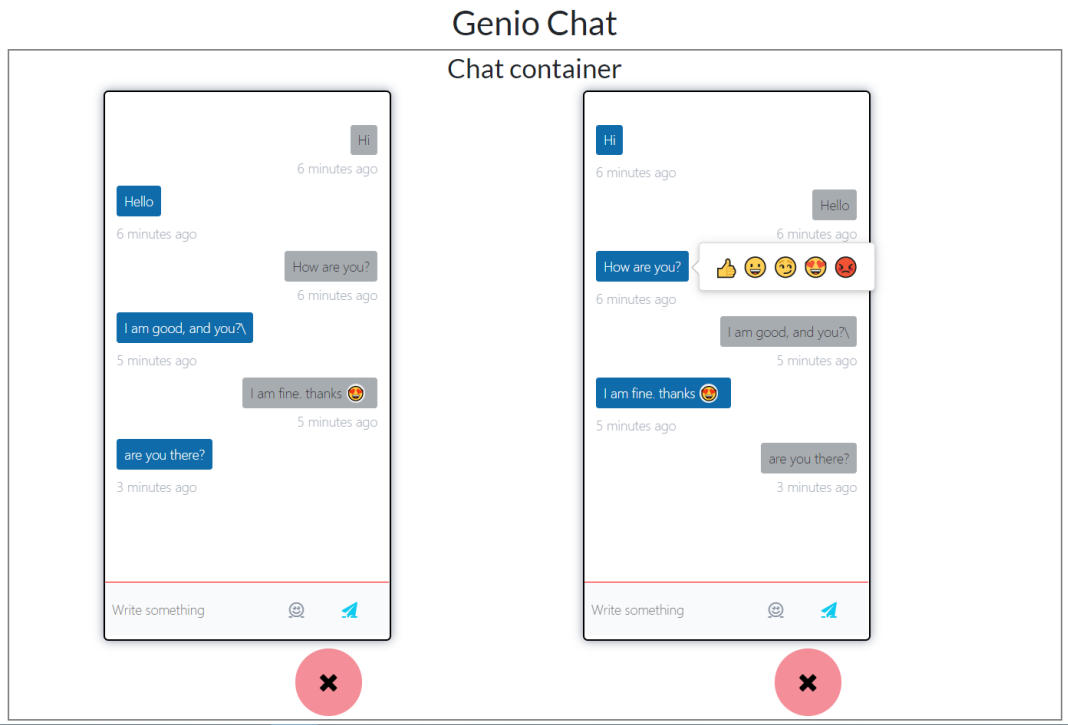
Screenshot after some messages exchange.



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



Showing the reaction popup



Showing the Emoji Popup

