

# React Line chart - Guide

## Setup

1. Extract the Zip file. This will create graphdemo folder.
2. Change to graphdemo directory and run "npm install"
3. Run "npm start" to access the application at <http://localhost:3000/>

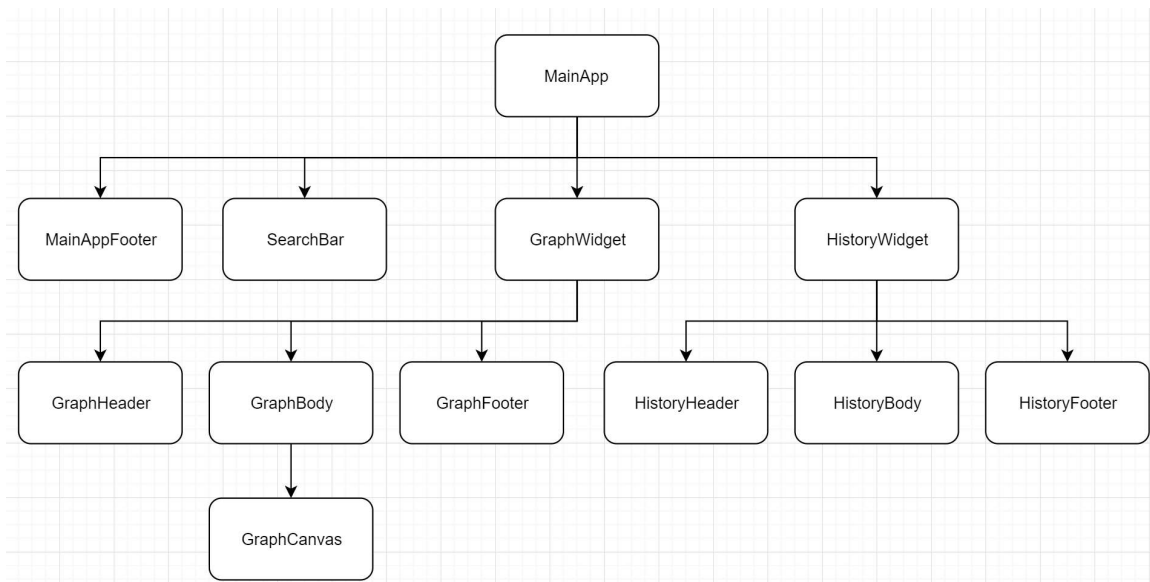
## References/Libraries

- UX Template from <https://blackrockdigital.github.io/startbootstrap-sb-admin/>
- Fav Icon from <https://www.favicon-generator.org/search/---/Graph>
- Bootstrap 4 (<https://getbootstrap.com/>)
- Font awesome (<https://fontawesome.com>)
- Graph library by Recharts (<http://recharts.org>)
- MathJS library for formula evaluation (<http://mathjs.org/download.html>)

## Supported features

- One-variable formula support for variable x and draws line chart in the default range of -500 to 500.
- Customizable range and tick of X axis.
- History for previously evaluated formulas.
- Cache storage of formula history.
- Printing functionality for rendered graphs.
- Responsive design

## Application Components



## Screenshots

