Task: Create a Single page web application for displaying the list of charts using the latest

features of Angular. Libraries that should be used:

- RxJs;

- Angular Material / Ng Bootstrap / Taiga UI / or others;

- Highcharts;

- NgRx / NgXs / Akita / or others;

- Any other library of your choice.

Details:

The UI must be responsive.

There will be a header with two links to two separated routes. One of them should be active connected with the current route.

"View mode" is the first route. There will be a list of charts and a date range filter (filtering by dates). Selected dates should affect charts on the page. Date range filter should be hidden if we have no charts.

The data for the charts could be either randomly generated or fetched via any public API for one or for all charts. Each value should have a "value" and "date" fields. The default value for date range filter you can set by yourself.

"Settings" is the second route. There will be a list of charts. Users should have the possibility to add a new chart or edit an existing one. Those settings should be implemented with a modal window. It should be possible to change a name, type (line, spline, area...) and color for each of them. Also we should have the possibility to remove the chart. After saving, new settings will be applied.

Solution: Application is using Highcharts library (https://www.highcharts.com) Angular Material (https://material.angular.io).

Local database is running on localhost:3000

Charts with 3 points by default are available to add, edit and delete:

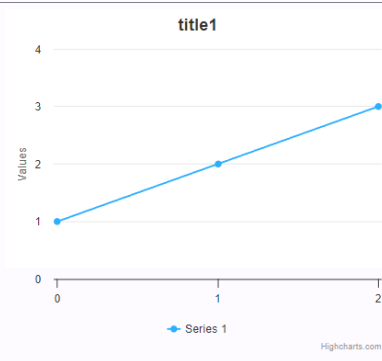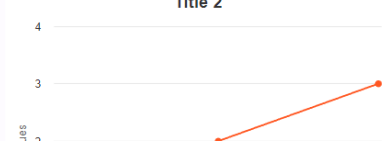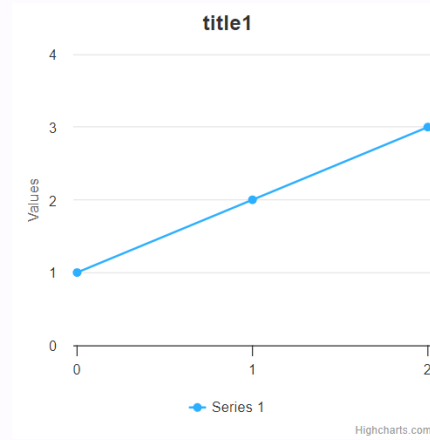It is possible to add more point manually in database, but no any user interface for this (no requirements)
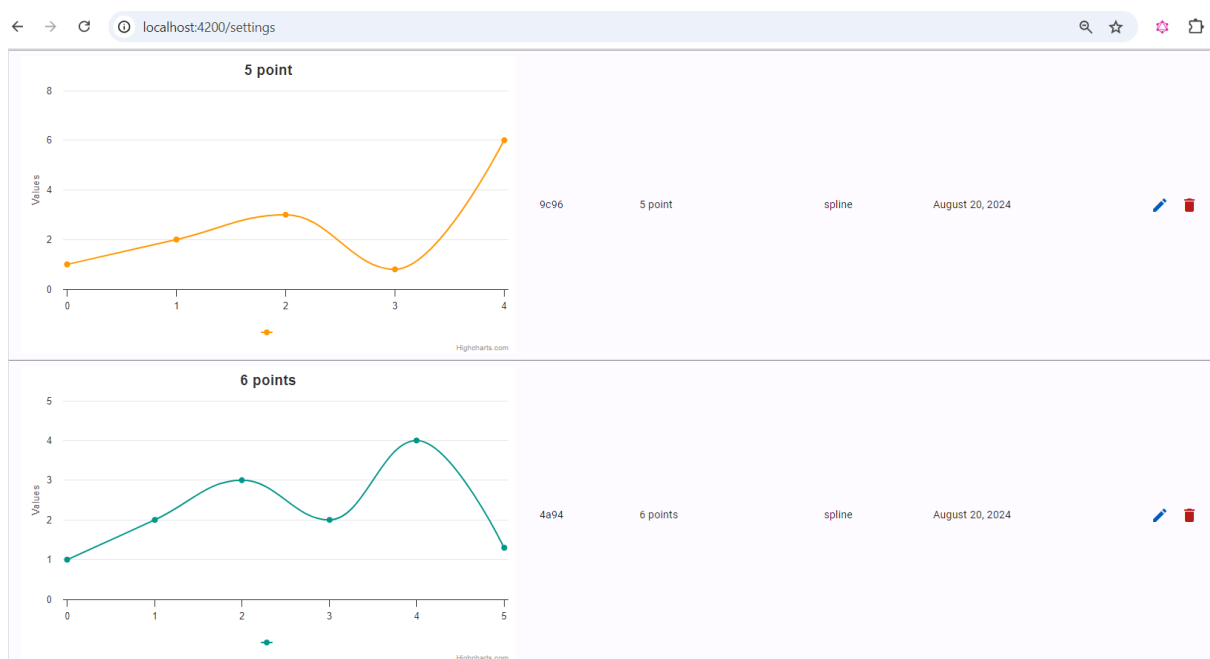
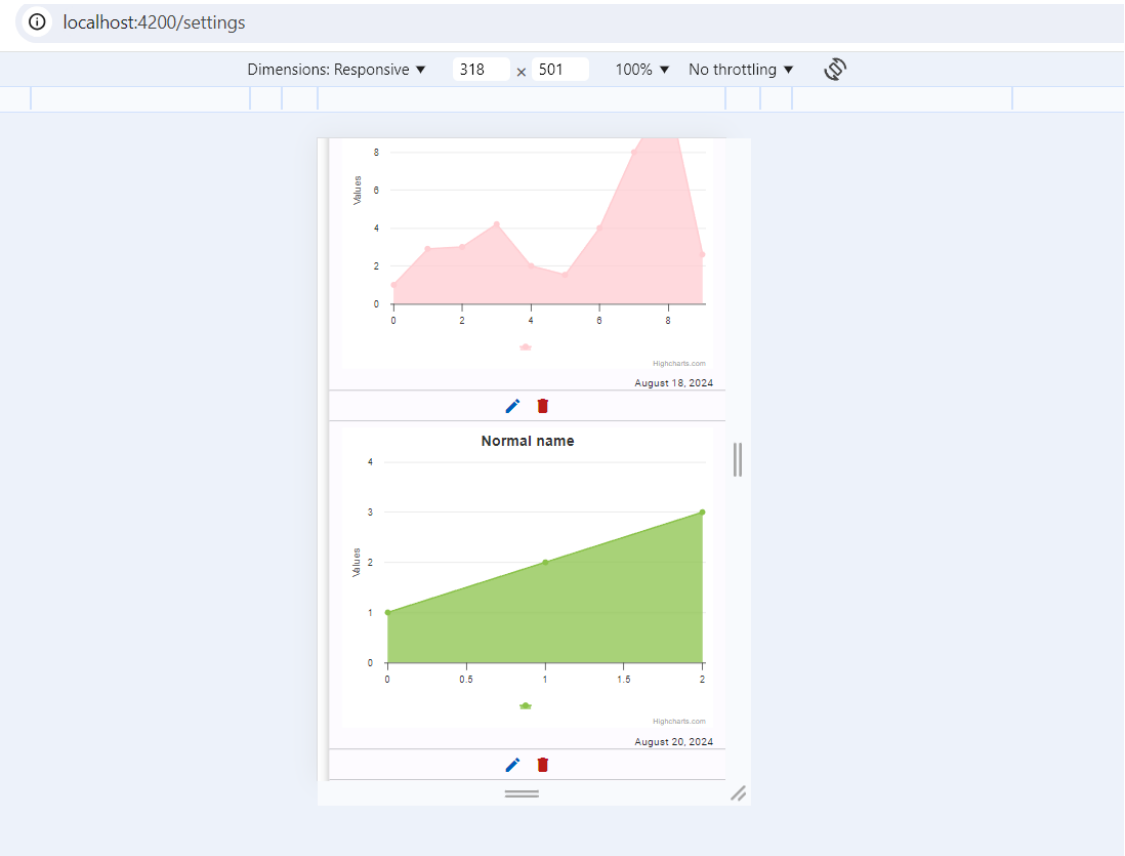Edit option, where is possible to change the name, chart type (line, spline, area) and date.
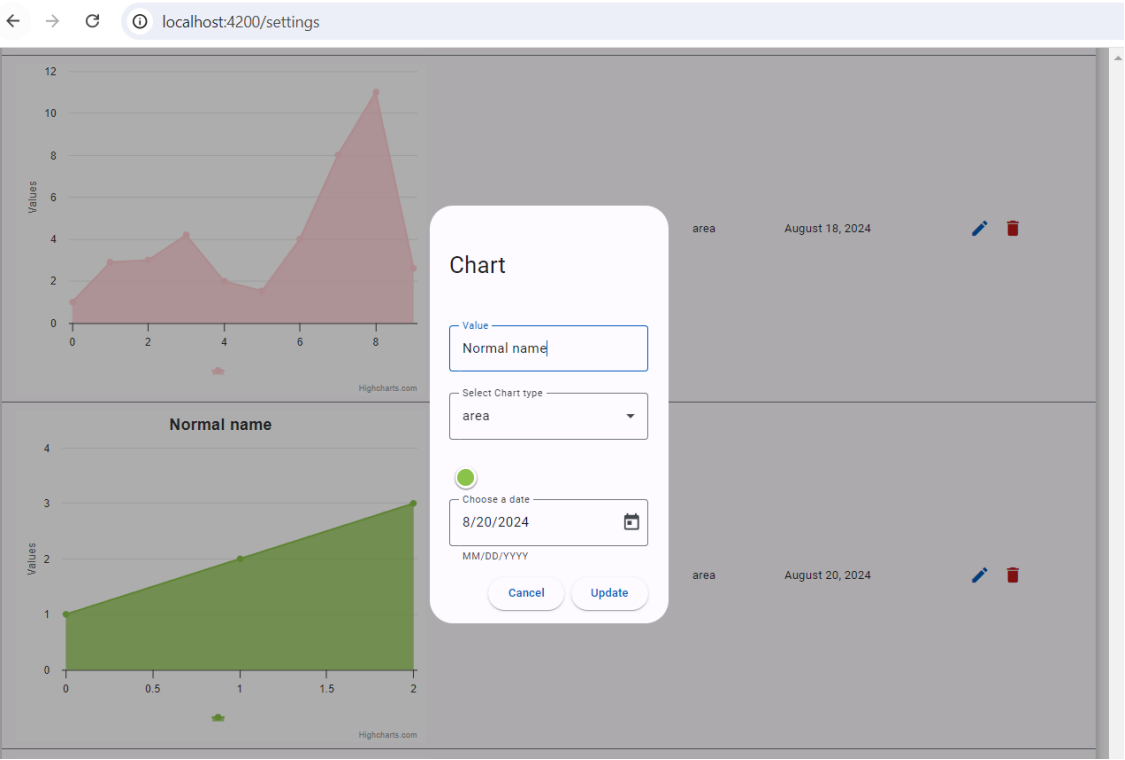
Also, the app has responsive view, but it could be updated.

Run the project: ***ng serve***

Run local database: ***json-server --watch db.json***