



*Front-end Framework Angular*

**Training Mock**

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**RECORD OF CHANGES**

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## Revision

### Objectives:

- Revise Angular Features: Data Binding, Components, Directives, Services, Router
- Using public API to create web app
- Creating Maps, Chart and Weather with Angular

### Overview:

Create a Corona Virus Dashboard with Angular

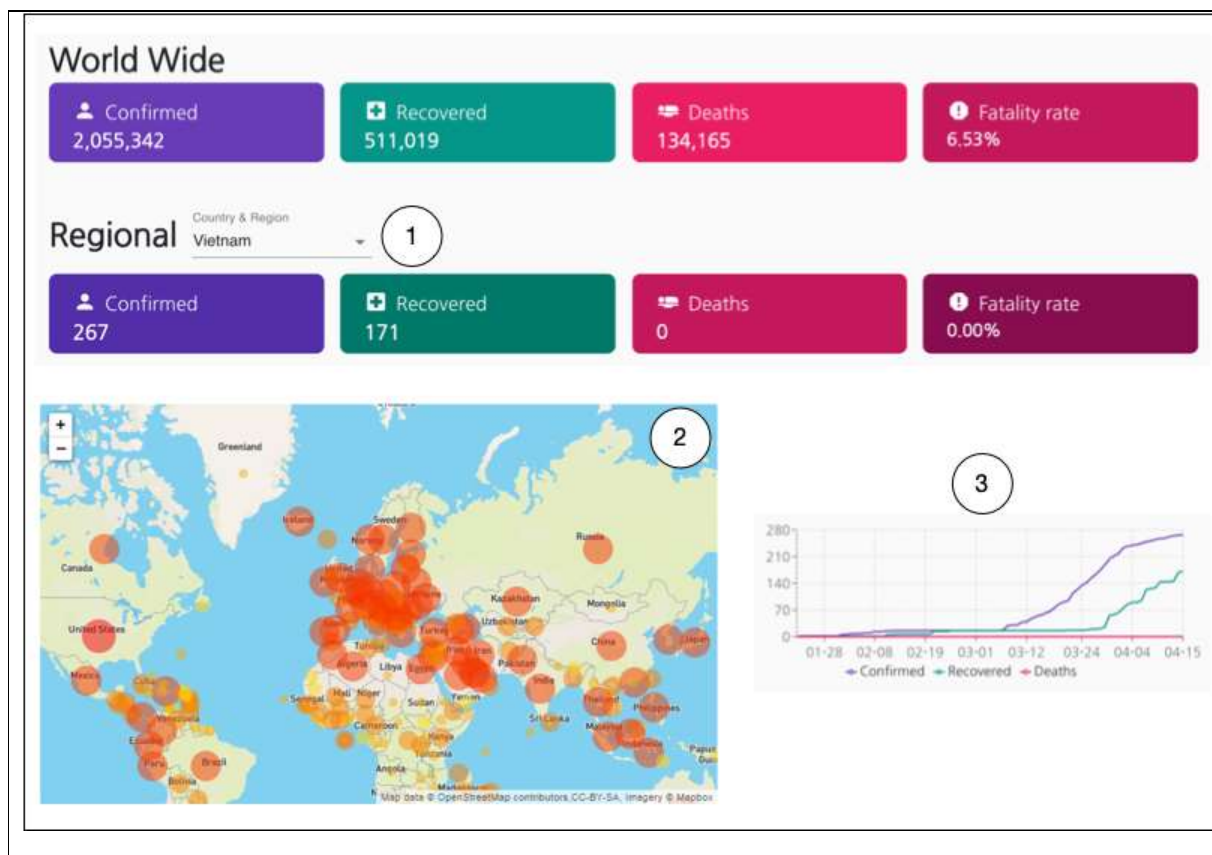
### Prerequisites:

1. Corona Virus API: <https://github.com/laeyoung/covid-19-api>
2. Create, configure and draw marker on Map: <https://github.com/Asymmetrik/ngx-leaflet>
3. Draw Charts: <https://github.com/swimlane/ngx-charts>
4. Draw Weather: Use library in npmjs.com

### Requirements:

Using the above information, you have to create an web app called **FA Corona**

The layout of the app is like demo figure below:



### Functionalities:

1. User can select Country to view Statistics of the selected Country (default value Vietnam)
2. Display a Map of Confirmed case
3. Display a Line Chart of Confirmed, Recovered and Deaths depend on selected country
4. Display weather depend on selected country

### Technical Requirements:

- Must use **Angular** to implement this app
- Must use **ngx-leaflet** to implement Map feature
- Must use **ngx-charts** to implement Chart feature
- Must use library to implement Weather feature

### Bonus:

- Use UI library like UI component, ant design
- Eye catching layout
- Deploy app into server