Angular Core 07 – Working with UI Component

Exercises

We have revised FA Tube to add more functionalities to users.

The layout of the new app look like figure below:

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# Functionalities

In the FA Tube, whenever user type in the input field, we only show 5 results related to the value of input. In this version, we want to have control on the result returned by YouTube, so we will have:

1. **Search Setting** – when user click on it, a new Dialog is shown, and it displays 3 options for user to choose:
   1. Number per page (i.e if the result have 200 records, and number per page is 10, then you will have 20 pages)
   2. Search debounce (i.e number in miliseconds to query for Youtube API)
   3. API key (where user need to put in YouTube API key in order for the app to work)
2. **Input field** – where user type in query to search
3. **order –** field use to order the records. Possible value: date, rating, relevance, title, videoCount, viewCount
4. **From and To –** (DatePicker Component) used to filter records that are published between **From** and **To**
5. **Video Search Result –** container to show Video Result
6. **Video Result (Expansion List component)** show only Video title and image, when user click on it, it will show its full details with a link “Open Video”. When user click on the link “Open Video” a model is shown, it the video on Youtube is displayed
7. **Pagination -** show which page user is on. If the records have 200 elements and number per page (Step 1) is 10, user is at page 1 then if user click on page 2, the Video Serach Result will show next 10 items (i.e item 11 to 20)

# Functionalities

1. You have to implement the app using **Angluar** and **Angular Material**
2. **Do not use Bootstrap 4 CSS Framework**