## **Angular – Google Login**

1. At first open google cloud platform

https://console.cloud.google.com/

1. Then click at project

Graphical user interface, text, application

Description automatically generated

1. Create a project

Graphical user interface, text, application, email

Description automatically generated

1. Now select and click at your project

Graphical user interface, application

Description automatically generated

1. Now click at API & Services

Graphical user interface, text, application

Description automatically generated

1. Then click at OAuth consent screen

Graphical user interface, application

Description automatically generated

1. Then choose external now
2. Click at create button
3. Fill form (use localhost in home page URL)
4. Save and continue
5. Now click at credential

Graphical user interface, application, email

Description automatically generated

1. Click at OAuth client ID

Graphical user interface, text, application, email

Description automatically generated

1. Now choose web application
2. Now put url of localhost

Graphical user interface, text, application, email

Description automatically generated

1. Click ate create
2. Then you will get token

Graphical user interface, application

Description automatically generated

1. Copy client ID

891958891351-2mptleqljk8gi6ape047mvutp3ef68oo.apps.googleusercontent.com

1. Now install these two

npm install --save @types/gapi

npm install --save @types/gapi.auth2

1. Now go to tconfig.json

A screenshot of a computer

Description automatically generated with medium confidence

1. In home page we have this

Graphical user interface, text, application

Description automatically generated

1. In template

A screenshot of a computer

Description automatically generated

1. Writ these codes in TypeScript file

Text

Description automatically generated

Text

Description automatically generated

Replace client\_id with yours

Text

Description automatically generated

## **Angular – Facebook Login**

1. At first open developers Facebook

https://developers.facebook.com/

1. Click at My Apps
2. Then create app

Text

Description automatically generated with medium confidence

1. It will navigate to dashboard
2. Copy and paste app id
3. Click at Facebook login set up
4. Then choose platform (we are using web here)
5. Copy and paste URL
6. Click at save then continue
7. Then write these codes

Text

Description automatically generated

Text

Description automatically generated

1. In template

Text

Description automatically generated

## **Angular – Chart JS integration**

1. At first install this package

<https://swimlane.gitbook.io/ngx-charts/examples>

<https://swimlane.gitbook.io/ngx-charts/installing>

1. Install this package

npm install @swimlane/ngx-charts –save

npm i @swimlane/ngx-charts --save

npm install @angular/cdk

1. Imports these packages Graphical user interface, text

   Description automatically generated
2. Use this data

https://github.com/tamani-coding/angular-ngx-charts-tutorial/blob/main/src/app/data/products.ts