1. [AMBITIOUS]

Create a Progressive Web App that allows readers to keep up with all topics, news, and events they care about, from one single place. The platform should bring news and stories from around the world together in a magazine format.

**GIT REPO:**

[**https://github.com/tinaash/NewsApplication.git**](https://github.com/tinaash/NewsApplication.git)

[**git@github.com:tinaash/NewsApplication.git**](mailto:git@github.com:tinaash/NewsApplication.git)

**Using Angular for creating a news application:**

We are calling the news API to get all the news topics from different sources.

This sample application requires following dependencies:

npm install --save @angular/material @angular/animations @angular/cdk

To invoke the news API, we use a free API key to pass in the requests

initSources(){

return this.http.get('https://newsapi.org/v2/sources?language=en&apiKey='+this.api\_key);

}

initArticles(){

return this.http.get('https://newsapi.org/v2/top-headlines?sources=techcrunch&apiKey='+this.api\_key);

}

getArticlesByID(source: String){

return this.http.get('https://newsapi.org/v2/top-headlines?sources='+source+'&apiKey='+this.api\_key);

}

The **searchArticles** function will be triggered whenever the user selects a specific resource from the menu. Then this parameter is passed to the **getArticlesByID** function to retrieves articles for that source.

The images are download stored in src/assets/images folder:



The app component is defined in the file /src/app/app.component.ts

**TEST RESULTS:**



