TEAMID	PNT2022TMID48385
PROJECT	NEWS TRACKER APPLICATION

SPRINT 3

INDEX.JS

```javascript
// variables
const generalBtn = document.getElementById("genral");
const businessBtn = document.getElementById("business");
const sportsBtn = document.getElementById("sport");
const entertainmentBtn = document.getElementById("entertainment");
const technologyBtn = document.getElementById("technology");
const searchBtn = document.getElementById("searchBtn");

const newsQuery = document.getElementById("newsQuery");
const newsType = document.getElementById("newsType");
const newsdetails = document.getElementById("newsdetails");

// Array
var newsDataArr = [];

// apis
const API_KEY = "9e9b7d1c2042476586e5d3584b6e7cab";
const HEADLINES_NEWS =
"https://newsapi.org/v2/top-headlines?country=in&apiKey=";
const GENERAL_NEWS =
"https://newsapi.org/v2/top-headlines?country=in&category=general&apiKe
y=";
const BUSINESS_NEWS =
"https://newsapi.org/v2/top-headlines?country=in&category=business&apiK
ey=";
const SPORTS_NEWS =
"https://newsapi.org/v2/top-headlines?country=in&category=sports&apiKey
=";
const ENTERTAINMENT_NEWS =
"https://newsapi.org/v2/top-headlines?country=in&category=entertainment
&apiKey=";
```

```javascript
const TECHNOLOGY_NEWS =
"https://newsapi.org/v2/top-headlines?country=in&category=technology&pa
geSize=8&apiKey=";
const SEARCH_NEWS = "https://newsapi.org/v2/everything?q=";

window.onload = function() {
    newsType.innerHTML="<h4>Headlines</h4>";
    fetchHeadlines();
};


generalBtn.addEventListener("click",function(){
    newsType.innerHTML="<h4>General news</h4>";
    fetchGeneralNews();
});

businessBtn.addEventListener("click",function(){
    newsType.innerHTML="<h4>Business</h4>";
    fetchBusinessNews();
});

sportsBtn.addEventListener("click",function(){
    newsType.innerHTML="<h4>Sports</h4>";
    fetchSportsNews();
});

entertainmentBtn.addEventListener("click",function(){
    newsType.innerHTML="<h4>Entertainment</h4>";
    fetchEntertainmentNews();
});

technologyBtn.addEventListener("click",function(){
    newsType.innerHTML="<h4>Technology</h4>";
    fetchTechnologyNews();
});

searchBtn.addEventListener("click",function(){
    newsType.innerHTML="<h4>Search : "+newsQuery.value+"</h4>";
    fetchQueryNews();
});

const fetchHeadlines = async () => {
    const response = await fetch(HEADLINES_NEWS+API_KEY);
```

```javascript
        newsDataArr = [];
        if(response.status >=200 && response.status < 300) {
            const myJson = await response.json();
            newsDataArr = myJson.articles;
        } else {
            // handle errors
            console.log(response.status, response.statusText);
            newsdetails.innerHTML = "<h5>No data found.</h5>"
            return;
        }

    displayNews();
}


const fetchGeneralNews = async () => {
    const response = await fetch(GENERAL_NEWS+API_KEY);
    newsDataArr = [];
    if(response.status >=200 && response.status < 300) {
        const myJson = await response.json();
        newsDataArr = myJson.articles;
    } else {
        // handle errors
        console.log(response.status, response.statusText);
        newsdetails.innerHTML = "<h5>No data found.</h5>"
        return;
    }

    displayNews();
}

const fetchBusinessNews = async () => {
    const response = await fetch(BUSINESS_NEWS+API_KEY);
    newsDataArr = [];
    if(response.status >=200 && response.status < 300) {
        const myJson = await response.json();
        newsDataArr = myJson.articles;
    } else {
        // handle errors
        console.log(response.status, response.statusText);
        newsdetails.innerHTML = "<h5>No data found.</h5>"
        return;
    }
```

```javascript
        displayNews();
}

const fetchEntertainmentNews = async () => {
    const response = await fetch(ENTERTAINMENT_NEWS+API_KEY);
    newsDataArr = [];
    if(response.status >=200 && response.status < 300) {
        const myJson = await response.json();
        console.log(myJson);
        newsDataArr = myJson.articles;
    } else {
        // handle errors
        console.log(response.status, response.statusText);
        newsdetails.innerHTML = "<h5>No data found.</h5>"
        return;
    }

    displayNews();
}

const fetchSportsNews = async () => {
    const response = await fetch(SPORTS_NEWS+API_KEY);
    newsDataArr = [];
    if(response.status >=200 && response.status < 300) {
        const myJson = await response.json();
        newsDataArr = myJson.articles;
    } else {
        // handle errors
        console.log(response.status, response.statusText);
        newsdetails.innerHTML = "<h5>No data found.</h5>"
        return;
    }

    displayNews();
}

const fetchTechnologyNews = async () => {
    const response = await fetch(TECHNOLOGY_NEWS+API_KEY);
    newsDataArr = [];
    if(response.status >=200 && response.status < 300) {
        const myJson = await response.json();
        newsDataArr = myJson.articles;
```

```javascript
    } else {
        // handle errors
        console.log(response.status, response.statusText);
        newsdetails.innerHTML = "<h5>No data found.</h5>"
        return;
    }

    displayNews();
}

const fetchQueryNews = async () => {

    if(newsQuery.value == null)
        return;

    const response = await
fetch(SEARCH_NEWS+encodeURIComponent(newsQuery.value)+"&apiKey="+API_KE
Y);
    newsDataArr = [];
    if(response.status >= 200 && response.status < 300) {
        const myJson = await response.json();
        newsDataArr = myJson.articles;
    } else {
        //error handle
        console.log(response.status, response.statusText);
        newsdetails.innerHTML = "<h5>No data found.</h5>"
        return;
    }

    displayNews();
}

function displayNews() {

    newsdetails.innerHTML = "";

    // if(newsDataArr.length == 0) {
    //     newsdetails.innerHTML = "<h5>No data found.</h5>"
    //     return;
    // }

    newsDataArr.forEach(news => {
```

```javascript
var date = news.publishedAt.split("T");

var col = document.createElement('div');
col.className="col-sm-12 col-md-4 col-lg-3 p-2 card";

var card = document.createElement('div');
card.className = "p-2";

var image = document.createElement('img');
image.setAttribute("height","matchparent");
image.setAttribute("width","100%");
image.src=news.urlToImage;

var cardBody = document.createElement('div');

var newsHeading = document.createElement('h5');
newsHeading.className = "card-title";
newsHeading.innerHTML = news.title;

var dateHeading = document.createElement('h6');
dateHeading.className = "text-primary";
dateHeading.innerHTML = date[0];

var discription = document.createElement('p');
discription.className="text-muted";
discription.innerHTML = news.description;

var link = document.createElement('a');
link.className="btn btn-dark";
link.setAttribute("target", "_blank");
link.href = news.url;
link.innerHTML="Read more";

cardBody.appendChild(newsHeading);
cardBody.appendChild(dateHeading);
cardBody.appendChild(discription);
cardBody.appendChild(link);

card.appendChild(image);
card.appendChild(cardBody);

col.appendChild(card);
```

```
        newsdetails.appendChild(col);
    });


}
```