

# Title:- Create your Favorite Movie List

**Vision:-** 1. Going to create a website that's going to fetch data from an open source api where we can get all the details like- (Movie:- Name,Poster,IMDB ratings on which platform it is available and which Genre it belongs to).

2. It must have a search bar from which we can search our favorite movie and list it on a horizontal axis just like Netflix does with its content.

3.After selecting our movie it gets stored in the favorite section in which further we can add details like its link and rate the movie

4.Also we can remove the movie from our list.

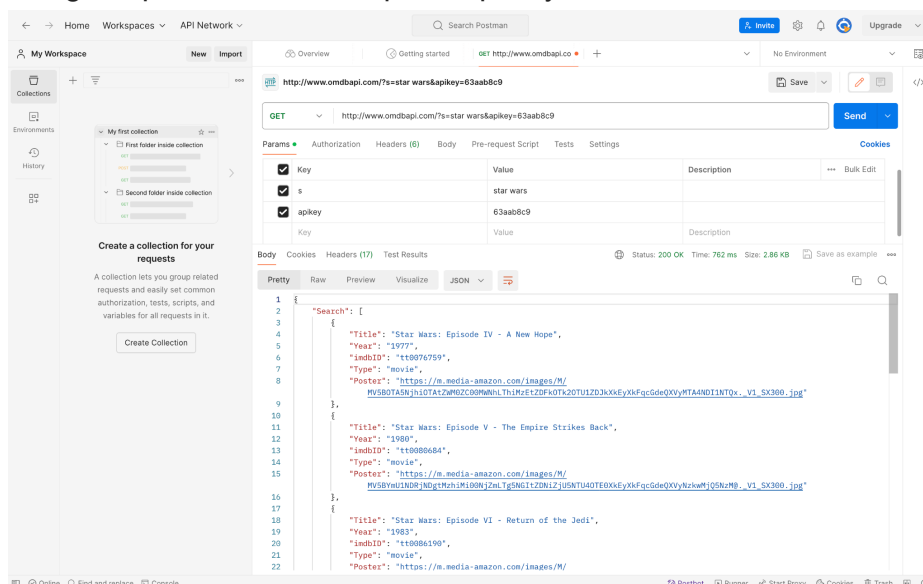
## What I actually did:-

This is the api I used from which I am going to fetch my data-

**API-OMDb API**(The OMDb API is a RESTful web service to obtain movie information)

We are using this open source api that already contains a bunch of movies data information like movie title ,movie poster which will make our website look more attractive.

Using the postman we set-up our api key-



After that we set up our local server using React where I created the application.  
We used get api for fetching the movie data and poster .  
And created different components like movie list which displays the movies when searched using the component searchBox.  
And created a favorite list where we added our movies.  
We saved our data in local storage.

## Important functionalities used in creating the application:-

```
const getMovieRequest = async (searchValue)=>{  
  const url=`http://www.omdbapi.com/?s=${searchValue}&apikey=63aab8c9`  
  const response= await fetch(url);  
  const responseJson= await response.json();  
  if(responseJson.Search){  
    setMovies(responseJson.Search);  
  }  
}
```

Like here in this function we fetched our url .  
And using setMovies function we assigned the movie data which saved in form of tables in Search element in our api.

```
useEffect(()=>{  
  getMovieRequest(searchValue);  
}, [searchValue]);
```

Using this function we called our getMovieRequest function and passed the searchValue inside it.

```
useEffect(()=>{  
  const movieFavourites=JSON.parse(localStorage.getItem('react-movie-app-favourites'));  
  setFavourites(movieFavourites);  
}, []);  
  
const saveToLocalStorage=(items)=>{  
  localStorage.setItem('react-movie-app-favourites',JSON.stringify(items))  
}
```

Here we accessed our local storage create a key to access the storage and using JSON we stringify the items to convert in strings.

Our current look.

