

WhatTheFilm

Movie Database App (Technology Report)

The task was to perform a Film Database, which pulls the data from an API. The page I've used to pull my data from is called "TheMovieDb". To fetch my data from an API, I used Axios to fetch any data, the reason I choose Axios instead of Fetch, is because I did not have to call the "response.json" method to parse the data. And, I have worked with axios before, and I found it a bit easier. From the three lessons we have had, I have used the technologies we have learned. I installed a blank react native template and worked from there. The idea is that I should have a front page with a search bar, here I have created a component for the home screen. The HomeScreen includes a search bar where it is possible to search for any movies. When searching for a movie, it displays a title of the movie and a poster. In it I have used a "ScrollView", to display the list. I sat in between using FlatList or ScrollView. I investigated what the difference was, and the advantage of a FlatList is that it uses what is called LazyLoading, which means that it optimizes performance. FlatList only renders what is seen on the screen instead of the entire list. And ScrollView renders the whole list at the same time, since the view only requires an image and a title, it does not affect the performance of the app. Which is why I am going with Scroll View at this point. When pressing the image of the title it slides a description side of the movie. I used a particular view which is called modal, which gives the opportunity to slide description from the bottom up. Which means that the navigator for the first version it is not necessary for me, but it still available in for future implementation. For now, I have only created one component called "HomeScreen", but if I had to work more on the app, I wanted to divide my app in more components, such as "PopUp", which I will leave for next implementation.