

Programming Task Moosa

Goal:

Test technical skills and basics for later work as a development student at SpeechMind.

Build a small mobile application (cross-platform) using Expo to perform basic tasks..

Systems/coding languages:

Github	https://github.com/
Expo	https://docs.expo.dev/
React Native with TS	
API calls with GraphQL	https://studio.apollographql.com/public/SpaceX-pxxbxen/variant/current/home

Task:

1. Set up a Github repo
2. Set up an Expo project with TypeScript to run GraphQL queries
3. Interact with the SpaceX GraphQL API

Subtasks:

The application has 3 screens (Home, Spaceship, Details). Use a navigation of your choice to navigate through the screens. Use ideas from other mobile apps that you personally like.

1. Home screen:
 - a. Show some key facts about the SpaceX company.
2. Spaceship:
 - a. Get all the spacecraft used with 2 characteristics.
 - b. Clicking on one of the ships will open a popup with more information about that ship.
 - c. Also show the elements that can be attached to the spaceship, such as the rocket, with some details about this object.
3. Details:
 - a. Show details of the current application.
 - b. View the current time and date.

Final thoughts:

Think of an app that you like and try to copy the styling of that one. The main design focus is that its extremely simple to use and to understand.