



College of Engineering, Construction and Living Sciences
Bachelor of Information Technology
IN721: Design and Development of Applications for Mobile Devices
Level 7, Credits 15
Practical 06: React Native

Due Date: 27/10/2020 at 5pm

In this practical, you will complete a series of tasks covering today's lecture. This practical is worth 5% of the final mark for the IN721: Design and Development of Applications for Mobile Devices course.

Before you start, in your practicals repository, create a new branch called **06-submission**.

Task 1 - 2%

Create a new **React Native** application with **Expo** using the following command:

```
expo init <APP_NAME>
```

In `App.js`, use **Axios** to fetch data from the [Astronomy Picture of the Day](#) endpoint. **Note:** `DEMO_KEY` is the API key which you will need to generate yourself. Display the `title`, `date`, `explanation` & `url` in an appropriate view. Please ensure you display `url` in an `Image`.

Task 2 - 3%

Create a new **React Native** application with **Expo** or use the same application from **Task 1**. In `App.js`, use **Axios** to fetch data from the [GitHub Username](#) endpoint. Add a `TextInput` & `Button`. When the user enters an username into the `TextInput` & clicks the `Button`, it will make a request to the endpoint. Display the `name`, `bio`, `avatar_url` in an appropriate view. Please ensure correct error checking, i.e., username is not found.

Resources

- [React Native](#)
- [Expo](#)
- [Axios](#)

- [GitHub API](#)
- [NASA Open API](#)