Software Saturdays Final Project

This semester (Fall 2020), Software Saturdays is offering the option to earn one of two certificates. These certificates are from the Purdue College of Engineering, and look great on a resume, LinkedIn, or GitHub. To earn one of these certificates, look at the requirements below.

The final project is a PokeDex style app where users can view and interact with Pokemon data from the https://pokeapi.co API. What the project does and how it functions is up to you, as long as the project meets the requirements below.

All projects are due by **November 7th, 2020**. If you need more time, please email us for help. We have online project work days Oct. 24 and Oct. 31 to ask questions and get ideas if you are stuck. You can also ask questions on Slack in the #fall-2020-webdev channel.

To submit your project, please zip the folder and email them to ahmed138@purdue.edu. Your ZIP file should contain the src folder, the public folder, the package.json file, and the package-lock.json file. If you are unsure of how to submit, please email us or ask on Slack.

An example of the final project can be viewed at https://hadiahmed098.github.io/pokedex/. Please note that this is an optimized build of the final project, so the source code is obscured.

Intermediate ReactJS Certificate

1. Must Have:
   a. At least 2 custom components
      i. These components can not be `App.js` or `index.js`
   b. At least 1 component with state
   c. At least 1 component with props
   d. At least 1 API call
2. Choose 2:
   a. Include CSS with your components
   b. Add a user-interactive element
      i. button, div, etc.
   c. Load images of each Pokemon

Advanced ReactJS Certificate

1. Must Have:
   a. At least 2 custom components
      i. These components can not be `App.js` or `index.js`
   b. At least 1 component with state
   c. At least 1 component with props
   d. At least 1 API call
   e. Include CSS with your components
   f. Add a user-interactive element
      i. button, div, etc.
   g. Load images of each Pokemon
2. Choose 1:
   a. Navigate to a second page with more info about each Pokemon
   b. Add a search bar
   c. Ability to download a file with Pokemon stats
   d. Use the material-ui ReactJS library