

# Section Notes

## Section 6 : Github Profile

See the Prezi presentation (<https://prezi.com/view/Gr0i0LV76h7c7zqnYPyS/>)

### Brief Notes

- Project setup
  - Save boilerplate and use it in future projects, lots of setup time required and installing libraries
  - Watch your import statements and read documentation of libraries
- Additional notes elaborating on past sections
  - Container — you can create dispatch functions inside here and handle logic instead of putting it into Actions
  - Actions — passing in header information for a FETCH call
  - Many ways to handle rendering, display of components, and more inside components; use variables to render, or use *React Router* in larger projects
  - Events — binding variables using `.bind()`, *this* as event moves to end when bound
  - Reducers — ensure you copy state if you make changes to it before returning inside the switch statement
  - Components — check how you initialize props and state to make sure data appears in the order that you need

### Review Assignment

- Add another set of data from the Github API (maybe the Repo data?)
- See solution code for an API call, and a possible way to list it — but you're pretty much on your own from here!

### Quiz

See page 2 for answers.

1. How do you authenticate with a `fetch()` call?
2. What does React Router do?
3. Should you directly manipulate state variables anywhere in React Redux?
4. How can you copy a state variable?
5. API documentation is always the same across projects. True or false?

## Quiz Answers

1. Create a header and send it in the options of the fetch call.
2. Provides an optimized and clear way to navigate between components (pages of an app).
3. No — always make a copy of state before changing and setting it again.
4. There are a few ways, but I like `JSON.parse(JSON.stringify())`.
5. Definitely false. You will need to learn to know what you're looking for!