WEB301 Assignment 2 - Components and Debugging

Worth: 35%

Due: July 10, 2019 - Midnight

Preamble

When you work as a programmer a large part of your job will involve debugging already problematic code. For the first part of this assignment, you will have to clone an existing project, debug the code and resubmit it. You will receive the project in your email at the end of the class. https://github.com/senecawebprogramming/web301-assignment-2-debug

For the second part of the assignment, I want you to create a contact form with your component library. Start a new create-react-app, import your components into the project and construct a single page contact form with your component library. Please include the following:

- Contact Form should be placed visibly on a Card component
- Contact Form should have the following fields:
    - Name (Input)
    - Email (Input)
    - Topics (Select - come up with 3 topics for this field with a 4th "Other" topic)
    - Content (Textarea)
- Include a submit button for the contact form that should be created from your Button component.
- When I submit the form, a **_Brand New <Modal>_** component should pop up and display the information. Please add this <Modal /> component to your component library.
- I should be able to close the modal by clicking on a Button component in the modal

Requirements

Debug
- Broken application works and all the bugs have been cleared (45%)

Contact Form
- Contact form has proper state management (10%)
- Props and state are utilized well to handle data between the Form parent component and the Field components (15%)
- Submitted form data shows up in the Modal (5%)
- Modal component is well-designed and reusable (10%)
- Modal can be closed and state is well used to achieve this effect (10%)
- App is well designed with use of the components (5%)