Sample Web App Assignment

The objective is to learn and practice coding using HTML/CSS/Javascript to build a web app on the node.js backend server environment. You may find React ("a declarative, efficient, and flexible JavaScript library for building user interfaces.") helpful.

See the tutorials at https://www.w3schools.com/ and for React at https://reactjs.org/tutorial/tutorial.html .

Each individual should build their version of the app with limited collaboration with teammates, and only when someone is hopelessly stymied.

The application problem to be implemented is to enable a user to register for a conference by filling out a form. Here are the basic "requirements". Feel free to embellish as you have energy and motivation.

> There is a home page with a photo of the city in which the conference will be held, and a button labeled "Register".
>
> Selecting "Register" will trigger the presentation of a form to be filled out with the following information.
>
> > First and last name, street address, email address, school or company affiliation, date, status (undergraduate student, graduate student, professor, industry employee), and payment method (credit/debit card or PayPal).
>
> Each field should be audited for appropriate data entry formatting such as field length limits, proper phone, zip code and date formats, and so forth. If an error is detected, the field(s) in error should be highlighted and the user provided a chance to correct the error(s).
>
> Selecting "Next" after all fields have been properly entered will cause the entered information to be displayed in a new page for review. The user then may either select "back" to edit information, or "register" to complete the registration process. The latter should persist the data and provide the user with the message "Registration Complete".

Host the completed app using node.js so you can "demo" the app. Include a README file to document installation and operation instructions.

The completed app code shall be submitted to the myCourses dropbox "Practice Web App". It will be graded by the instructor as a participation grade (50 pts). Teams are expected to do peer reviews of each team member's implementation.