

REACT FORMS

Hi! Welcome to REACT workshop

Follow these steps:

- Fork and clone repo: <https://github.com/FullstackAcademy/Study-Saturday-Fullstack>
- createDB study-saturdays
- npm install
- npm run seed
- git checkout cycle-0

Cycle 0: Create a Route for Adding Student

- Create a POST route for Students in routes/students.js
- You can test your route with an app like 'Postman' or 'Insomnia' or wait until review
- Review at 11:00am

Cycle 1: Add Student Form

- git checkout cycle-1
- Create a new component “NewStudentForm.js” that’ll have a form with 3 input fields: Firstname, Lastname, Email and a “Submit” button.
- Create a button “Add New Student” in Main.js :
- The button will toggle the form visibility. Form should be hidden by default.
- Review at 11:45am

!!!You might have noticed that we’ve added eager loaded Tests for ‘/api/students/’ post route. You were not expected to do that on your own, but it is a great example of how this may be done and will help us later.

Cycle 2: Update State w/ Form Input

- git checkout cycle-2
- In NewStudentForm component:
 - add a local state - What is the information we want in our state?
 - write a handleChange method, that will update the state according to the form input
 - write a handleSubmit method, that will take the information from the state and do something🙋!?
 - handleSubmit should also clear the state
- Review at 12:45pm

Cycle 3: Making the Form Work... Finally!

- git checkout cycle-3
- In browser/components/Main.js:
 - write a method “addStudent” that takes a newStudent (object) and posts (axios.post) to the database.
 - “addStudent” method should also change the state. (with what?)
 - pass this method as a prop to the form component.
- In browser/components/NewStudentForm.js:
 - grab the “addStudent” method from props (sounds familiar???)
 - invoke the “addStudent” method in handleSubmit with the student info from state (you may have to replace something!?)
- Review at 3:15pm

Bonus

- git checkout cycle-4-bonus
- Refactor the code using react-redux (reference README)