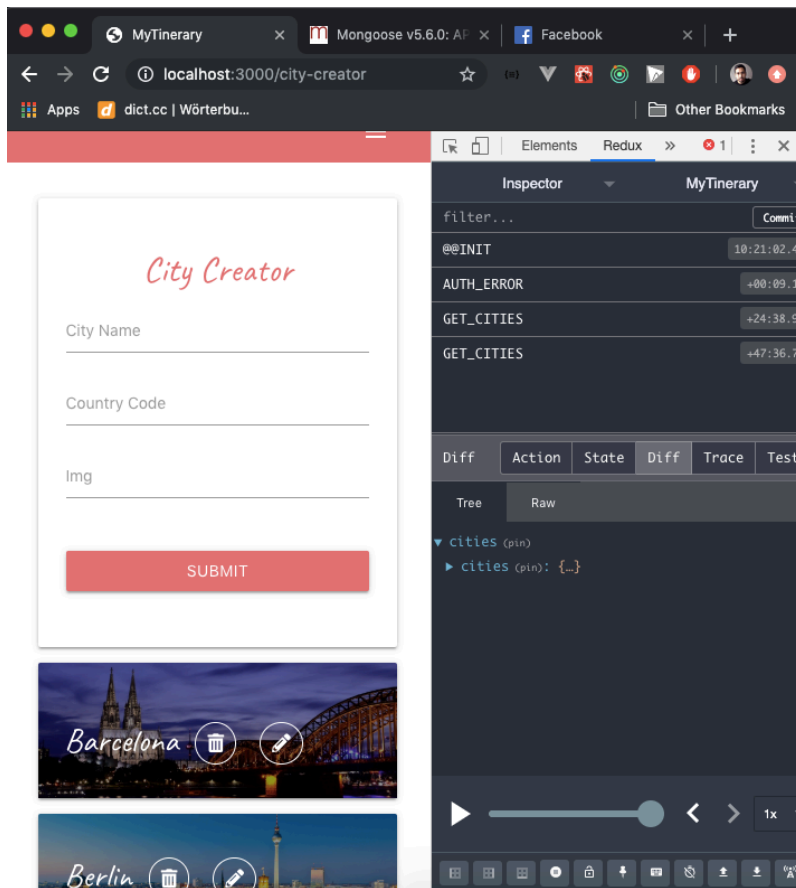


CityCreator Project

In this Sprint we will learn how to create and mutate resources from our front end. We will focus on the most basic example creating cities from our client to display on our “Cities” page. Although this won’t be a functionality in the end product of our application, it is a good way to introduce some advanced concepts of redux and will serve as the basis for future features that will make it into our final application , i.e the ability for users to create Itineraries and Activities.

For some fictional context let’s imagine we are creating this feature for an administrative user. They want to be able to manipulate which cities are fetched and displayed on the cities page and the images displayed for each city. We are tasked with creating an easy to use and intuitive interface for our app administrator. Our end project will look something like Figure 1.

Figure 1:



The “CityCreator” page contains a simple form which allows our administrator to add new cities to our database to display. The page has one nested component which is a “CityCreatorCard.” This simple card allows our administrator to update or delete any given city.

New things we will focus on in this project:

- How to perform all CRUD operations from Postman.
- Custom server side validation with express-validator.
- Async Await.
- React Forms.
- How to perform all CRUD operations from our client and through redux.

After this project you will have less guidance when implementing the ability to author Itineraries and Activities. New concepts will be introduced along the way but this project will serve as a template and resource for the later Sprints.