Ruby on Rails Setup and Scaffolding Documentation

Small Notes

- Make sure you are in the docker container
- Make sure to know your docker container name or id

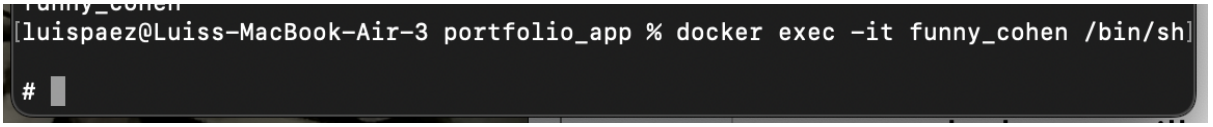
Before Beginning these are some of the requirements:

- Must have a docker image created
- Must have some kind of IDE that will be running your code for this documentation it will be vscode
- It must be inside your Portfoilo_app

Step 1: Make sure your environment is working

1. Go to your terminal and run an ls command
2. Then cd into the portfolio_app

1. Then you will run this command docker exec -it <container_id_or_name> /bin/sh to get put in your docker container



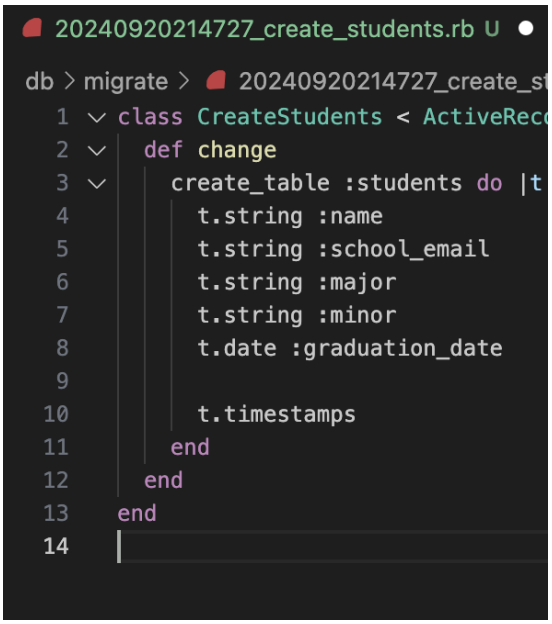
Note that if this command does not work you may have to restart your docker container.

Step 2: Create a student Model using Scaffolding

1. Go to the terminal and you're gonna run this command Scaffold Student name: string school_email:string major:string minor:string graduation_date:date.

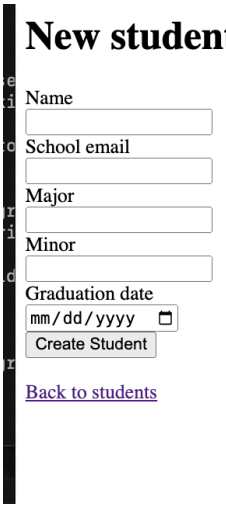
This should generate the structure for a student model in your Rails app.

2. Then you will run this command rails db:migrate this should create a new file in your migrate files which has all the values you just created



Step 3: run the server

1. At this point you should be able to run the server with command **rails s -b 0.0.0.0**
2. If you want to the student page all you have to do is http://localhost:3000/students and that should show you the student page



Step 4:Important commands for Scaffolding and trurbleshooting

- rails generate scaffold Student name:string school_email:string major:string minor:string graduation_date:date
- rails db:migrate
- rails db:create Create the databases specified in config/database.yml. This typically includes the development, testing, and production databases.
- rails db:drop Remove all the current databases, removing all their data. Again, this typically includes the development, testing, and production databases. While useful during development, be very areful about losing data in a production environment.
- rails db:reset Run rails db:drop and then rails db:create.
- rails db:rollback Revert to the most recent modification to the schema.

If you do run into any problems with the Scaffolding I would recommend doing a rollback to get to the previous step but if that doesnt work I would delate the Scaffold and rerun the command thats what worked for me.