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The requirements for JPFP.

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ThompsonHarris formating ...

5 days ago ⌚ 4

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README.md

JPFP

Requirements

The requirements below are broken into separate **tiers**, which model the way we **recommend you approach the project**. That is, we recommend you complete (or complete the majority of) the requirements in Tier 1 before moving on to Tier 2, and so on. Of course, if you get stuck on a particular feature, we recommend moving on and trying another feature - don't sacrifice the good for the perfect!

[See some wireframes here!](#)

Optional Boilerplates to start! 🌶

- [Spicy](#)
- [Medium](#)
- [Mild](#)

Tiers

Tier 1: All Campuses and Students (20/61)

▼ Details

Frontend

- ☐ Write a component to display a list of all campuses (at least their names and images)
- ☐ Write a component to display a list of all students (at least their names)
- ☐ Write a campuses sub-reducer to manage campuses in your Redux store
- ☐ Write a students sub-reducer to manage students in your Redux store
- ☐ Display the all-campuses component when the url matches `/campuses`
- ☐ Display the all-students component when the url matches `/students`
- ☐ Add a links to the navbar that can be used to navigate to the all-campuses view and the all-students view

Backend

- ☐ Write a route to serve up all students
- ☐ Write a route to serve up all campuses
 - Write a `campuses` model with the following information:
 - ☐ name - not empty or null
 - ☐ imageUrl - with a default value
 - ☐ address - not empty or null
 - ☐ description - extremely large text
 - Write a `students` model with the following information:
 - ☐ firstName - not empty or null
 - ☐ lastName - not empty or null
 - ☐ email - not empty or null; must be a valid email
 - ☐ imageUrl - with a default value
 - ☐ gpa - decimal between 0.0 and 4.0
- ☐ Students may be associated with at most one campus. Likewise, campuses may be associated with many students

Seed

Running the seed file creates campuses and students for demonstration purposes

Congrats! You have completed your first vertical slice! Make sure to `commit -m "Feature: Get All Campuses and Students"` before moving on (see RUBRIC.md - points are awarded/deducted for a proper git workflow)!

Tier 2: Single Student and Single Campus (12/61)

▼ Details

Frontend

- Write a component to display a single campus with the following information:
 - ☐ The campus's name, image, address and description
 - ☐ A list of the names of all students in that campus (or a helpful message if it doesn't have any students)
- ☐ Display the appropriate campus's info when the url matches `/campuses/:campusId`
- ☐ Clicking on a campus from the all-campuses view should navigate to show that campus in the single-campus view
- Write a component to display a single student with the following information:
 - ☐ The student's full name, email, image, and gpa
 - ☐ The name of their campus (or a helpful message if they don't have one)
- ☐ Display the appropriate student when the url matches `/students/:studentId`
- ☐ Clicking on a student from the all-students view should navigate to show that student in the single-student view
- ☐ Clicking on the name of a student in the single-campus view should navigate to show that student in the single-student view
- ☐ Clicking on the name of a campus in the single-student view should navigate to show that campus in the single-campus view

Backend

- ☐ Write a route to serve up a single campus (based on its id), *including that campus's students*
- ☐ Write a route to serve up a single student (based on their id), *including that student's campus*

Congrats! You have completed your second vertical slice! Make sure to `commit -m "Feature: Get Single Campus and Student"` before moving on (see RUBRIC.md - points are awarded/deducted for a proper git workflow)!

Tier 3: Adding a Campus and Adding a Student (10/61)

▼ Details •

Frontend

- ☒ Write a component to display a form for adding a new campus that contains inputs for *at least* the name and address.
- ☒ Display this component as part of the all-campus view, alongside the list of campuses
 - Submitting the form with a valid name/address should:
 - ☒ Make an AJAX request that causes the new campus to be persisted in the database
 - ☒ Add the new campus to the list of campuses without needing to refresh the page
- ☒ Write a component to display a form for adding a new student that contains inputs for *at least* first name, last name and email
- ☒ Display this component as part of the all-students view, alongside the list of students
 - Submitting the form with a valid first name/last name/email should:
 - ☒ Make an AJAX request that causes the new student to be persisted in the database
 - ☒ Add the new student to the list of students without needing to refresh the page

Backend

- ☒ Write a route to add a new campus
- ☒ Write a route to add a new student

Congrats! You have completed your third vertical slice! Make sure to `commit -m "Feature: Add Campus and Student"` before moving on (see RUBRIC.md - points are awarded/deducted for a proper git workflow)!

Tier 4: Removing a Campus and Removing a Student (8/61)

► Details

Tier 5: Updating a Campus and Updating a Student (11/61)

► Details

Bonus Tier: Finishing Touches (15 EC)

► Details

Releases

No releases published

Packages

No packages published

Contributors 2



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