Class Planner

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Description

This web app will help Pure Barre instructors plan classes for clients. It will reduce time in planning classes and create a more unique, tailored experience for the clients.

Features

- Add exercises and stretches to database through form (future feature upload via excel document)
- Create and save classes
- Save same class as multiple instances
- User sign-on to view all classes (future feature)
- Manager analytics to view exercises used (future feature)
- MindBody Connection API to track clients to classes (future feature)

Planning - User Stories

- Admin save exercise in database (complete)

- Admin save stretch in database (complete)

- Admin add exercise and/or stretch to class (complete)

- Teacher sign on (incomplete)

- Teacher view classes (incomplete)

Planning - Database

Class Planner has many tables, and this organization is a highlight of the project overall. Because a teacher can plan a class and use it multiple times, the same class needed to be saved as a Many to Many relationship with ClassDetails (Date, Time, Studio, etc.). A planned class has exercises and stretches set to certain sections of the class. Exercises have several properties that needed to be saved as Many to One – Equipment, Location, Thigh Position, Seat Position, etc.

Technology Stack

- Language: Java
- Framework: Springboot
- Template engine: Thymeleaf
- Database engine: phpMyAdmin
- Other libraries or components: Hibernate, HTML, CSS, Bootstrap

Demo

What I Learned

- Bootstrap front-end design
- Custom repository queries for my many tables in the database
- Connecting to MindBody Connection API (future)

What's Next

- Connecting Class Planner to MindBody Connction to connect clients to classes.
- Teacher sign-in to view classes.
- Scheduling functionality for managers!