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## Exercise 4

### 1: Eamon's Fortune Casting Well

[https://github.com/eamon1000000/cart\\_351\\_proj2\\_EamonFoley](https://github.com/eamon1000000/cart_351_proj2_EamonFoley)

Eamon's project was very easy to understand at face value. I found it very user-friendly and intuitive which helped me to navigate around the various features pretty easily. At first, the user is presented with 2 options, the first being the ability to cast a fortune and the second is to receive a fortune. When the user selects the option to cast a fortune, they are presented with a random fortune or misfortune prompt which they can then fill out, similar to mad-libs. These questions are selected at random from a json file based on whether the user selected a fortune or a misfortune or not. Once the fortune is cast, the user can then select the option to receive a fortune. It will then cycle through the list of cast fortunes and return one at random. What I found to be a very cool feature that Eamon implemented within the code was the 10% chance that you would receive a misfortune. It adds a lot of variability to the website and makes it a little bit more enjoyable. The design is very simple and easy for users to process. Overall the idea was very well executed and maintained good attention to detail.

### 2: Maia's Find Your Balance

<https://github.com/maiaarrais/CART351/tree/main/project%202>

Maia's project was a class booking calendar builder, catered primarily for pilates and yoga classes. It uses a user's email to send and receive information for bookings and openings for a potential class. I appreciated the personal touch for this project, as it highlights a personal interest and incorporates it into the project very well. At first, the user is presented with a list of classes, with the corresponding information such as day

of the week, the time of the classes, the amount of seats left, the class name and its category. After selecting a class, the user can book themselves for that class, using information such as their name and email that is stored within a json file. After booking, the confirmation is outputted back to the viewer with the corresponding input. The navigability of the website is really good, with extra pages such as a bookings page that displays the current bookings of the user that have been filled out. The Dashboard page is also a very cool feature I liked, that had a lot of smaller features such as a heatmap and administrative permissions. Overall a lot of attention to detail was put into the project and presents itself with a great user interface and experience.

### 3: Cathy & Celine's Split Decision

<https://github.com/cathytham/cart-351/tree/main>

Cathy and Celine's project was a very practical usage of Flask to portray an event availability calendar. Similar in concept to Maia's booking calendar, however with more generalized features that aren't catered to yoga or pilates. I really enjoyed the UI/UX features of this website. The calendar builder was very easy and intuitive for the user to navigate through, as well as the input being very aesthetically pleasing to click and drag across the calendar alongside the time slots. As someone who tries to keep themselves organized as much as possible, I could see myself using a website like this for myself. It creates an effective solution for people that struggle with time management and planning. The final table that is displayed at the end with the different availabilities is stored effectively through json and displayed in a coherent way for the user to understand. One feature that I really enjoyed was the overlapping schedules, whereby if multiple different users scheduled an availability at the same time, the colour would turn a darker green, and if one availability was selected once, then the colour would be much lighter. A lot of the smaller details that into this project made it stand out as a whole. The idea for the project also reminded me a little bit like Facebook Events.