iOS - Developer Challenge

Instructions

You should have received a WaiterManagement.zip file containing an Xcode project. This will be the starting point for your challenge. Unzip the file and upload it to GitHub as a new repository. If you've never done that before, running a quick Google search will yield some instructions. Once your repository is on GitHub create a new branch, naming it whatever you'd like. Make all of your changes in this branch so it is easy for us to see what code is yours and what code is ours.

The 2 features we want you to add are detailed below. The second one involves some of the same concepts from the first one so we recommend going in order but its completely up to you. The third thing in the list is about Swift and isn't really a feature.

Commit and push as often as you'd like, to be honest the more commits you make the easier it will be to go back and understand how you do things. After you're done just make a pull request (from the feature branch back into your master branch). Once you do that, send us the link to your repository to let us know you're done. If anything is unclear or you have any questions just reach out to us. If you feel something you do needs explanation just leave comments in the code and we can ask if we're still confused. Please do not use any 3rd party frameworks for the project, only use what is available in the iOS SDK.

Swift

For either of the 2 features below, write at least 1 of your new classes in swift.

Add/Delete Waiters

Add functionality to add and remove waiters from the list. Change the project so the list of waiters is editable. When you remove a waiter it should delete it from the core data database, and when add a new one it creates a new one in the database. None of that functionality exists yet, but the restaurant is already always initialized with one waiter.

Shifts

Add the ability to record a waiter's shift. Change the project so when you select a waiter from the initial list, it brings you to another list of all of that waiter's shifts. From that list you should have the ability to add a shift (it should have a start time and an end time). You'll need to edit the data model (StaffManagement.xcdatamodeld) since there is no concept of a shift in there yet. There should be a 1 to many relationship between Waiter and Shift (a waiter can have many shifts but each shift can only have one waiter).