Project Documentation

12/6/23

**For the system users:**

This is a scheduling program used by employees at a fictional physical therapy practice. It has been created so that three specific types of system users will have different capabilities depending on their user type: either “administrator”, “scheduler” or “therapist”. The administrator has the highest level of functionality. They can add a therapist to the roster, add or delete certifications from a therapist’s record, and completely delete a therapist from the roster. The administrator also the ability to view the calendar of appointments. The scheduler can make new appointments, cancel appointments, and view the calendar. Last, the therapist has only the ability to view their calendar of appointments by month or by day.

The singular entry point for all users of the program is “2023\_Fall\_AlphaTeam/index.php”. An administrator would log in with the credentials [admin@fitpt.com](mailto:admin@fitpt.com) and Passw0rd. A scheduler would log in with the credentials [scheduler@fitpt.com](mailto:scheduler@fitpt.com) and Passw0rd. A therapist would log in with an email address in the same format as above, except it would be their name instead of “admin” or “scheduler. The same password is used.

**For the developer:**

The project resides in a GitHub repository at <https://github.com/professor-brown/2023_Fall_AlphaTeam>. There are no scripts to run. You need only have a local server set up (WAMP stack preferred) and save the project to your root folder (probably ‘www’). Once you open 2023\_Fall\_AlphaTeam/index.php in your preferred browser, the database will automatically be created behind the scenes in MySQL. The database tables are as follows:

‘appointments’ - starts out empty

‘certifications’ – a small table which lists all possible certifications the therapists can hold

‘system\_users’ – holds all system users, including both the administrator and scheduler

‘therapist\_certification\_relation’ – a relational table with two columns which allows for cleaner SQL queries when adding or deleting certifications from therapist records

The program makes use of a handful of icons retrieved from <https://fontawesome.com>, but the functionality is not dependent on them.

**Future Direction:**

I would like to see the project hosted on a server that is not just a user’s local machine. In the real world this is a program that several users would access, and they would of course need to share the same database.

I would also like to see further work done with the calendar views. They could be more detailed, and they could have more visual cues and information displayed.

For the administrator, I would like the workflow of adding or deleting certifications to change; ideally, the administrator’s screen would refresh to show the single therapist they just edited instead of returning the entire list of therapists again.