EPICS Purdue WISE: SLHS-SIM Transition Document

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**File Structure**:

On Github, most of core functionality and layout is located in addemp folder:

* Age\_func.js: Function written to check one of the review questions where given a test taker’s age, the function checks whether the test administrator knows where the test should start.
* Database.php: php file that is used to initiate new user registration.
* Index\_old.html: Previous team’s landing page
* User\_form.php: Form used to to record new user’s information.
* process.php: Works along with Database.php and User\_form.php to register new users.
* SIM\_FAQ\_Page.html: FAQ page for the website.
* SIM\_Landing\_Page.html: Landing Page for the website.
* index.html: Simulation page for the website.

Remaining files are just there to provide extra copies of the temp data if needed. Folders are present primarily for CSS and other templates.

**Where to Start**:

1. Contact Project Partner to introduce yourself and get a better idea of what the project is supposed to do.
2. Go through notebooks of the past team (they shouldn’t be too long) to get a better idea of what has been done.
3. Go through the final design review and final design document for the previous semester to gain better understanding.
4. Setup github on your personal machine and clone the repository.

At this point, I recommend that the XAMPP and backend be handled by someone with a Mac or Linux. This is simply because the MySQL engine in XAMPP sometimes does not close correctly and it becomes necessary to go into terminal and ‘sudo killall mysqld’.

For backend (XAMPP) individuals/team:

1. Familiarize yourself with basics of PHP and PHPmyadmin.
2. Install XAMPP version 5.5.24 (available on sourceforge). (CRITICAL as other versions might not work with the current process).
3. Go into applications folder for XAMPP.
4. Go into htdocs folder in XAMPP folder.
5. Paste addemp folder from github repo into this folder.
6. Theoretically at this point if you open a web browser and type without quotes ‘localhost/addemp/SIM\_Landing\_Page.php’, the landing page should open.
7. Navigate yourself to different pages and see how the code is setup.
8. In browser, type ‘localhost/phpmyadmin’.
9. Create a new database
10. Add the ‘User\_info\_Table’ and ‘Test\_info\_Table’ as shown in the screen shots in the github repo. These will be needed to store the data sent from the new user registration form.

I highly recommend that all the files related to the database or the XAMPP engine in any way use the .php extension instead of .html. This is because it is much easier to execute the html code in a php file than vice-versa.