**Structure of the Application**

**Front -End**: The front end of the application is built in Angular2. To view Angular 2 source code, navigate to:

**SmartQuestions\Code\Angular\src\app**

The folder structure is arranged into:

* **Components** – Components consist of component.ts (TypeScript (Superset of Javascript)) files and their matching html files that define their layout. The .js (javascript) and .map files are generated for each component and should not be modified.
* **Services** – These are the objects that manage connectivity to the server. Again the .map and .js files are auto generated and should not be modified.
* **Styles** – HTML files used to style the html layout of the components.

**Back-End And Database**: To view these files and the database you will need to type [www.topnhotch.com/cpanel](http://www.topnhotch.com/cpanel)in your browser. The login details are:

Username: devcurtnic

Password: fhFb8j2E5@4bCx

After logging in you can go to File Manager and browse to public\_html/SmartQuestions/Php folder to view the code there.

To view the database, scroll down to phpmyadmin on the Main page of cpanel and then from phpmyadmin select the smartoverflow database.

**How to Run**

1. **Assuming you do not have Node package Manager Installed(npm):**

Navigate to SmartQuestions/Dependencies folder and run the **node-v6.10.3-x64.msi** installation.

Then follow step 2.

1. **Assuming you have Node package Manager Installed (npm):**

Method 1) To run the application just **navigate to the SmartQuestions/Code/Angular** folder in command prompt or a git shell and type **npm install** this may take a while and may seem to have stopped because it is a large download. But give it 10-20 minutes depending on your connection speed.

Method 2) Alternatively, you can copy the node\_modules folder from the Dependencies folder to the Angular folder. Method 1 is recommended.