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Group 16
CS 3744 Project 6

PC Helper

Our web application, PC Helper, is a helpful tool for users to build a desktop computer. With PC Helper, there is a database of computer parts, sorted by part type, that users can look through. The user can pick a part type from a drop down menu, and then browse through a list of parts of the specified part type. Each part will have the Amazon price listed alongside it.   The user can then add a part to his or her build. The user also has the ability to create multiple builds and view these builds. The user will also be able to see the total price of each build.

In Project 6 we continued on from Project 5 and added a visual display for users to see as they build their computer. As of Project 5, PC Helper was designed for a single user to search through computer parts and create a computer build. In Project 6, we focused on making the user have more available to them to visualize the process of making a PC. We made a visual of a rough overview of a computer and made it able to be clicked so that users could visually see where the pieces fit together.   Users will be able to see when other users edit a build, finish a build, a build is liked, a build is commented, and when a user has a new follower along with a visual.

The current location of the system is

http://ec2-52-36-182-247.us-west-2.compute.amazonaws.com/Bens-Dumb-Idea/ . The reasoning of the name was to allow the group to work on the project on Github, but not attract any attention to the project to avoid honor code violations. To run our web application locally, the user would

unzip the compressed folder containing our web application into the following location

C:\xampp\htdocs. The user would then open the XAMPP control panel and start Apache and

MySQL. The php version used was 5.6.15.   Finally the user would visit localhost/<NAME OF

FOLDER>, where the name of the folder is whatever the user named the folder location the file

was unzipped to. From there, the user would be able to use the web application.

Above and Beyond.

We have created a context menu that appears on a left click that uses an outside javascript

library. All rights and recognition for the javascript library are to "SWIS" and all of its

employees/contributors. https://github.com/swisnl this is a link to the github in which the jQuery

contextMenu was forked and then added to our project. Currently the menu allows for users to

remove or add a random part. This will be expanded for the final project.