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CS 3744 Final Project

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 the final iteration of our project, we removed some links that did not work. We also fixed any errors. We also added more parts for the user to pick to be more thorough. As of Project 6, PC Helper was designed for a single user to search through computer parts and create a computer build. We also added a graphic available to users 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.

In addition to sorting out any errors and removing dead links, we added more parts to our parts database. This was to make the site more realistic, rather than having just 2 options.