Chase Brown

Prof. Syrotiuk

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<div align="center">Project 2 State</div>

The issues I had implementing this project was that of the struct implementation. Working with structs is a new concept to me and it was a little weird learning how to use the structs given to accomplish the project's goal. However, after successfully completing project 2 milestone I now have a better understanding of not only why we used structs in this project, but how to use them and the significance of using structs in a program such as project 2. I also struggled with implementing the hash table. The concept of hash tables is also new to me and the hardest part about it, in my opinion, was accessing the hash table to print or search for a given application/category. But after implementing successful hash searching for find app <name> I now have a better idea and am excited to implement this into the rest of the project.

Currently there are no known bugs in my program (that I know of). It successfully runs with no errors or segmentation faults.

Most of this project I accomplished individually, which I'm most proud of. But there were two main things that helped guide me in the right direction for this project. Firstly, the online tutoring center helps tremendously. There's a few tutors that know me by name since I've been going there quite a bit this semester for help. The experienced tutors in CSE are great at helping to point you in the right direction whether it's solving errors, segmentation faults, or writing small pieces of pseudocode. Lastly, another great asset to this project was the class Discord channel. This has been awesome for interacting with the other students to also get tips on how to deal with errors or writing small algorithms to accomplish project 2.

Works Cited

"Where Developers Learn, Share, & Build Careers." *Stack Overflow*, stackoverflow.com/.

Blog, Abdullah Ozturk -. "Simple Hash Map (Hash Table) Implementation in C++." *Medium*, Medium, 24 Jan. 2019, medium.com/@aozturk/simple-hash-map-hash-table-implementation-in-c-931965904250.

-, Pavan Ramchandani, et al. "Build a C++ Binary Search Tree [Tutorial]." *Packt Hub*, 15 Oct. 2019, hub.packtpub.com/binary-search-tree-tutorial/.