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Software Development I

Project 2 - Proposal

7 February 2017

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For Project Two I would like to do an application project. I am an avid coffee fan and I love the Dunkin Donuts app, which allows On The Go ordering. Like many other coffee drinkers, I like my coffee a specific way. Even though their app allows for user personalization when ordering, there have still been many times my order was incorrectly made. For my application I would like to create an online coffee ordering system. The application would allow users to specify their coffee order to be sent to their coffee shop of choice for pickup later. Users would be able to select what kind of coffee they want such as hot, cold, latte, macchiato, etc. Depending on what coffee you selected, there would be different options available for customization. Flavors would be available along with choices of size for all types of coffee. The most important part would be selecting cream and sugar. This is where my application would be different than what is out there. My application would allow users to input exact measurements of cream and sugar so their order is done exactly how they like it. Options of measurement could include but are not limited to teaspoons and tablespoons. There would even be a place to make sure everything is correct before being sent out. Before submitting, users would be given the price for their coffee along with their order. My Java skills would be put into use by allowing user input to be saved and sent out. The Math class would be needed as well to calculate how much the coffee would be based off the type and size. Tables would be included for the types of customization. The system would print out the order back to the user and would allow for changes if need be.