

Document Two (for Ezell):

Written documentation on how your system is object-oriented:

Our system is object-oriented through the use of the concepts of abstraction, encapsulation, and inheritance. For abstraction, on our various Forms, we had buttons that provided essential functionality; however, the users do not have to be made aware of the back-end workings. This allowed us to only provide necessary information to the users of the system, whether that be employees or potential customers. We consistently utilized classes on the code-behind portions of our system, which allowed us to reuse blocks of code for repetitive functions, rather than constantly rewriting lines of existing functionality. We additionally imported relevant namespaces, such as System.Drawing to use encapsulated functionality instead of “reinventing the wheel.” We also used this concept by utilizing the class called PasswordHash.cs, which we used for hashing the login credentials on both the customer and employee sides of the system. Finally, we used the concept of inheritance by creating Master Pages which parent each of our WebForm. The purpose of this is to have each WebForm inherit the styling and configuration that is outlined in these master pages.