# CS 255 Model Application Short Paper

Phillip Kimbrel

Phillip.Kimbrel@snhu.edu

Southern New Hampshire University

## Process Model Application

For the Process Model we need to show how the DriverPass would work in a business scenario. We would need to show the steps the consumer takes for their tests and their appointments. Then we would need to use it to create a diagram that would show how it would work. The model would have to show how the customers driving test that was taken on the page would work its way from the customer to DriverPass completed and then the completed is sent to the DMV and Graded and approved so they can get their license.

Then after that the model would also have to show how the packages would work and how appointments are set up. It would show how the packages are changed by IT when they are needed and the multiple kinds of packages. It would also show how the packages are purchased by the customer and drafted the appointment time with an instructor.

## Object Model Application

With Object modeling we do things differently as we describe the software side of how the system will work. That means customer account creation we will describe with all the objects used forming the account class for coding like user, name, password, and address. Then another thing we would describe is the payment process, which would inherit some of the things from the account class like name and address while also asking for its own objects like card information or PayPal.

## Process and Object Model Comparison

They all have advantages and disadvantages for example the object model has a hard time describing more physical business management since it mostly used to explain software and code while process can show how it would work and the people that would act on the actions. Object modeling does give more detail then how process modeling would as it show how each part of the system shares in each other as shown in the object model example.