# CS 255 Model Application Short Paper

Austin Blaine Sonka

Austin.sonka@snhu.edu

Southern New Hampshire University

## Process Model Application

The best approach would be the process model for the DriverPass using a flow diagram from a customer viewpoint. Coming from this point first would result in what the customer will see and deal with. From customer we would allow logging in to accessing the system and to forgetting password. After accessing the system, they can view appointments, cancel, test, grades, and instructor.

Leading to multiple process models that way we can tackle as many things as we can. That way it would make it a little better and easy for the customer or whoever to read the system, that way they can understand.

A flow diagram is a good and smooth way to show the transitions from topic to topic and shows a clear understanding of how the process will work. Also adds in the ability to add to later if needed.

## Object Model Application

I would use a UML diagram. This would consist of different users that would have their own username and password to access the system. Depending on the user would give them certain access and viewing things.

Customer would see their test, score, appointment, driver instructor. While the driver would see the student, their grades, modify appointment. The IT people or person would see users’ passwords and usernames and provide updates or maintenance. Owner would see everything and make changes or download data.

Leading with a ULM diagram would show a clear diagram of each user and roadmap for the development team to use efficiently.

## Process and Object Model Comparison

An advantage is once shown to the customer they will have a better understanding of the product and be more confident in purchasing the product. Especially if there is a roadmap of where the process starts and ends.

A disadvantage is the system does not show the customer what they want or intended. Leading to loss of customer or loss of trust in reliability.

Another advantage is it can show the background part of the product as the code, classes, design, process, and where the development team started and ended.

The object model can have been cons of where it can confuse the customer and not show the entire roadmap or process of the system. Which they can give feedback if needed or wanted to so we could learn and build a better product for them.