# CS 255 Model Application Short Paper

Andrew Bolton

andrew.bolton1@snhu

Southern New Hampshire University

## Process Model Application

So I had to look up Process Model Application since I know it can be used very broad in terms to see what part would apply best here or if many parts of it may apply here. In fact, I did find three part that fit very well. The Frist one seemed a little off to me but in the end, it made it on to my list here “Software Process Improvement (SPI)” now you may as why I picked this to be first. That’s for the fact that this whole DriverPass idea is new and a software improvement by implementing new and better technology methods. Throughout this model we have learned many different things in a software development standpoint that sometimes look like one thing but can be intertwined with another meaning which brings me to my second point Process and Project Alignment Methodology (ProPAM) which directly in line with what this company is trying to do. Project Alignment Methodology the Pacific organization to develop a process that will well align with the organization's needs and in this case it's the help young drivers pass their driving exam. Now with all of this being said so far there is one last point that I would like to mention that these two work in unison with each other to define the outline and analyze any data to make a judgment and improve on itself in. The future does not plan for the present but for what may or may not come which in the long run makes it easier to change the outline at any given time to change the direction of the code / update the code to a more smoother and better running system while maintaining a great security.

## Object Model Application

So object modeling application we tend to think of an actual application where we can click and move objects on the screen. But in the drive past scenario that's not the case at least for the most part. The more practical application of the object modeling is used to house names addresses where to pick up and when they pick up along with credit card numbers and keeping them secure. For this we would more likely use something along the lines of an SQL database or the new big thing is Azure cloud do house and store all this information. Using object modeling application is going to be more of a behind the scenes with a few click endpoint buttons and outputting a file to an excel spreadsheet for people to see how far they progressed and how far they have not progressed. Along with this feature it will more likely be used by the company itself and the driving instructors to help their students be better on the road and better prepared for what is going to happen on the road because we all know that things do not always go the way the driving book says they will there are little life experiences that can happen and by collecting and storing them all in one database we can pass some of this knowledge onto the newer generation through object modeling application. One thing that I did not mention and almost totally forgot about is that with this object modeling application can be directly linked to get updates from the DMV for any new rules laws and regulations so the company can stay compliant.

## Process and Object Model Comparison

So there are two very key differences between process. Modeling and object modeling. Let's first start talking about process modeling. Process modeling is mechanism of classifying the processes of the same nature together into a model. It is possible to use. Process modeling. To develop multiple applications. For the driver pass scenario we would avoid using this. Modeling. Because we are not branching out. Into other areas. Even though it does provide some support to automatically update and analyze. And reduced labor costs and materials. We can do this on the beginning of the object modeling. So the basic underlining of object Modeling. Is mainly used for databases and our overall aim. Is generally towards databases. And what they can house like security? The rules and regulations of the DMV. Along with. Our clientele being able to see. Their progress through a downloadable spreadsheet. And with the proper database setup. this will be able to be self-managed and able to update and manage without much. Computer knowledge like they'll be able to add a special. Or delete a special. With a set of commands. Bedar going to be precoded in the system. For the client to use. So let's say at a certain time they want us run a special of 50% off. For their service. All they have to do is. Turn on a table. And that will be it. Or type a command, we can make it as simple as that with object modeling.

## References

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