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# CS 255 Model Application Short Paper

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## Process Model Application

I would apply the process model to the design for the DriverPass like a flowchart to show the process of the admin and student part of the program. The flowchart for the admin team will show how the employees can modify the driving packages, the availability for scheduling a drive time session and handling cancellations. The customer flowchart will show the student logging into their account and then looking for a driver package to purchase. Afterward, the student will be redirected to the scheduling page to schedule a session. Later, the student will have the ability to modify their appointment to cancel or change their date.

## Object Model Application

The object model can be applied to the design of the DriverPass project by creating separate columns for the student, admin, IT, and company owner. Underneath the columns will be separate boxes that define the actions of each class and its associated attributes. For example, the IT team will not have any objects but share the same attributes as the admin team. Another example is the owner inheriting all the functions.

## Process and Object Model Comparison

Using the process model is best to show the flow of the program to a customer. It’s visually organized and doesn’t contain technical information that will lead to confusion for the customer. It will also lead to confusion and possible loss of information that may be missed during the development phase. Using the process model will require more time spent in the testing phase. The object model contains the technical process which is easier for the developers to use limits the amount of communication between the team since all the requirements are presented within the diagram.