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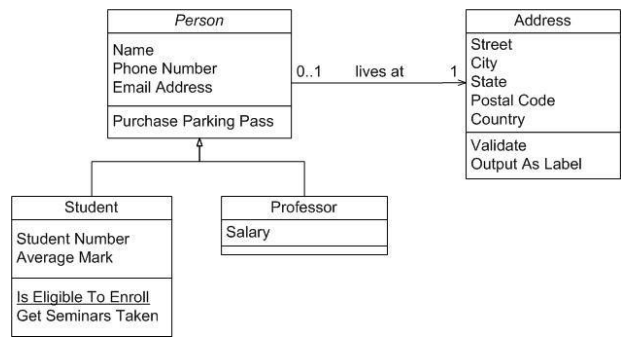
Number Id : 2341760169 / 06

Class : 2G – Business Information System

Lesson : Object Based Programming

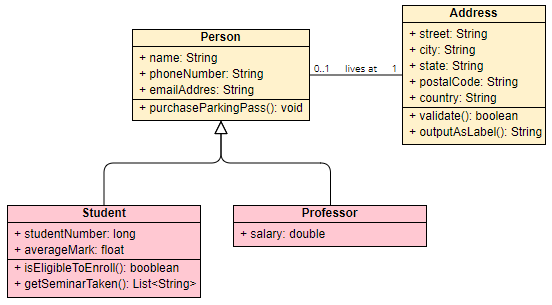
Github Link : <https://github.com/azariacindy>

1. Identify the following diagram classes, make complete improvements and in accordance with the rules for writing diagram classes. Create a class diagram that uses nested inheritance then create program code.



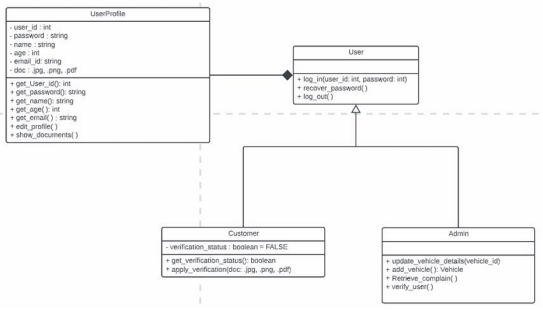
**Answer:**

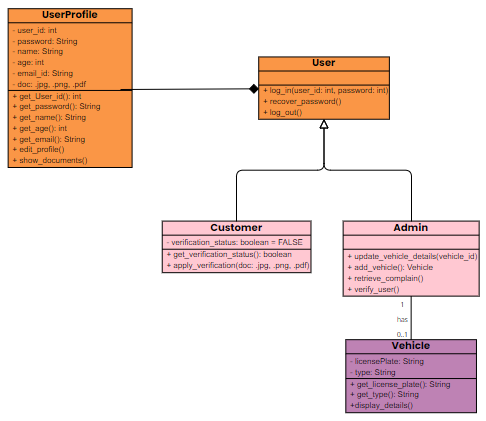
The following diagram classes are in accordance with the diagram class writing rules.



Here’s the code program and output:

1. Identify the class diagram and explain the concept of inheritance, relationships between classes and the flow of the following system, create program code from the following class diagram.





* The ‘UserProfile’ class is an independent class that stores user information but isn’t directly connected to any other class.
* The ‘User’ class is a superclass for ‘Customer’ and ‘Admin’, so there is an inheritance relationship.
* ‘Customer’ and ‘Admin’ have different functionality, but share some basic methods from ‘User’.