● A word document includes answering the following question after inspecting your final class diagram to answer the following questions:

○ Does your class diagram respect or violate SOLID principles? Justify your answer.

Class diagram respect SOLID principles.

every class have only one reason to change and do only one job and apply open for extension but closed for modification (e.g., interface ISlotConfiguration that make classes extendable) and classes doesn’t implement any methods that don’t need in it.

○ Does your class diagram contain any design pattern(s), if yes name it and list the names of the classes involved in such pattern(s).

Yes!

We apply singleton in: GaragePankingIn, GarageSlots, totalVehicle and GarageInformationControl

And strategy in: ISlotConfiguration, InputForm, GaragePrinter, CalculateFees and Payment