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

- Yes,

S- Every class got its own single responsibility,

O- We got the design to be open for extension, closed for modification,

L- Derived classes are substitutable for their base classes or interfaces,

D- The derived classes depend on their base classes or interfaces not the opposite.

**○ 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)?**

1-Creational: Singleton, Classes involved: GarageController.

1-Behavioral: strategy, Classes involved: Calc, FiveHrsRateFees, Configuration, FirstComeApproach, BestFitApproach.