OOP Analysis

1. How does your design implement the four pillars of OOP (abstraction, encapsulation, inheritance and composition, and polymorphism)?

   Relationship between AbstractRailwayEmployyee and TrainDriver is inheritance.

   Relationship between AbstractRailwayEmployee and Dispatcher is inheritance.

   Polymorphism is implemented

   Relationship between AbstractRailwayEmployee and RailwayManager is Composition.

2. Why are your entity classes good abstractions (i.e., models) of the real-world entities?

   Because it shows the Railway management system in OOP and has attributes such as station_id, train_id, train_name, ...

   It also has the behaviors such as adding, removing, updating, ... employees.