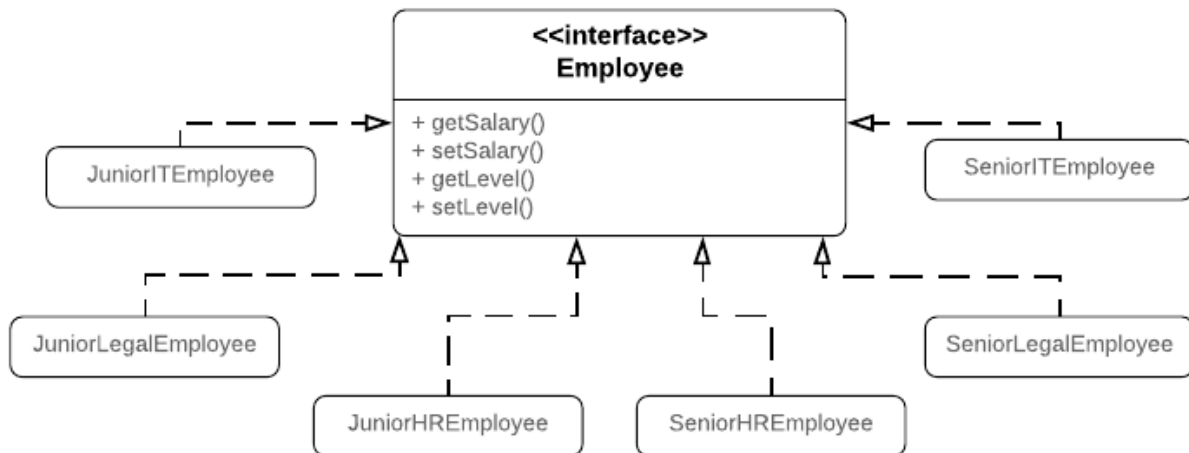


DP Exercise 3



Consider Figure 1 that describes several derived classes of the Employee interface. Each derived class must represent both department and level dimensions of an employee.

1. Identify any flaws in this design citing any solid principle violations
2. Identify a structural design pattern to address this issue.
3. Apply your identified design pattern with the use of a UML diagram.
4. If a new method "Manage()" is to be introduced to any instance of a senior-level employee, in which class should it be defined in your new design?
5. Fork and refactor the codebase to implement your redesign

Codebase: <https://replit.com/@Snickdx/DP-Exercise-3>