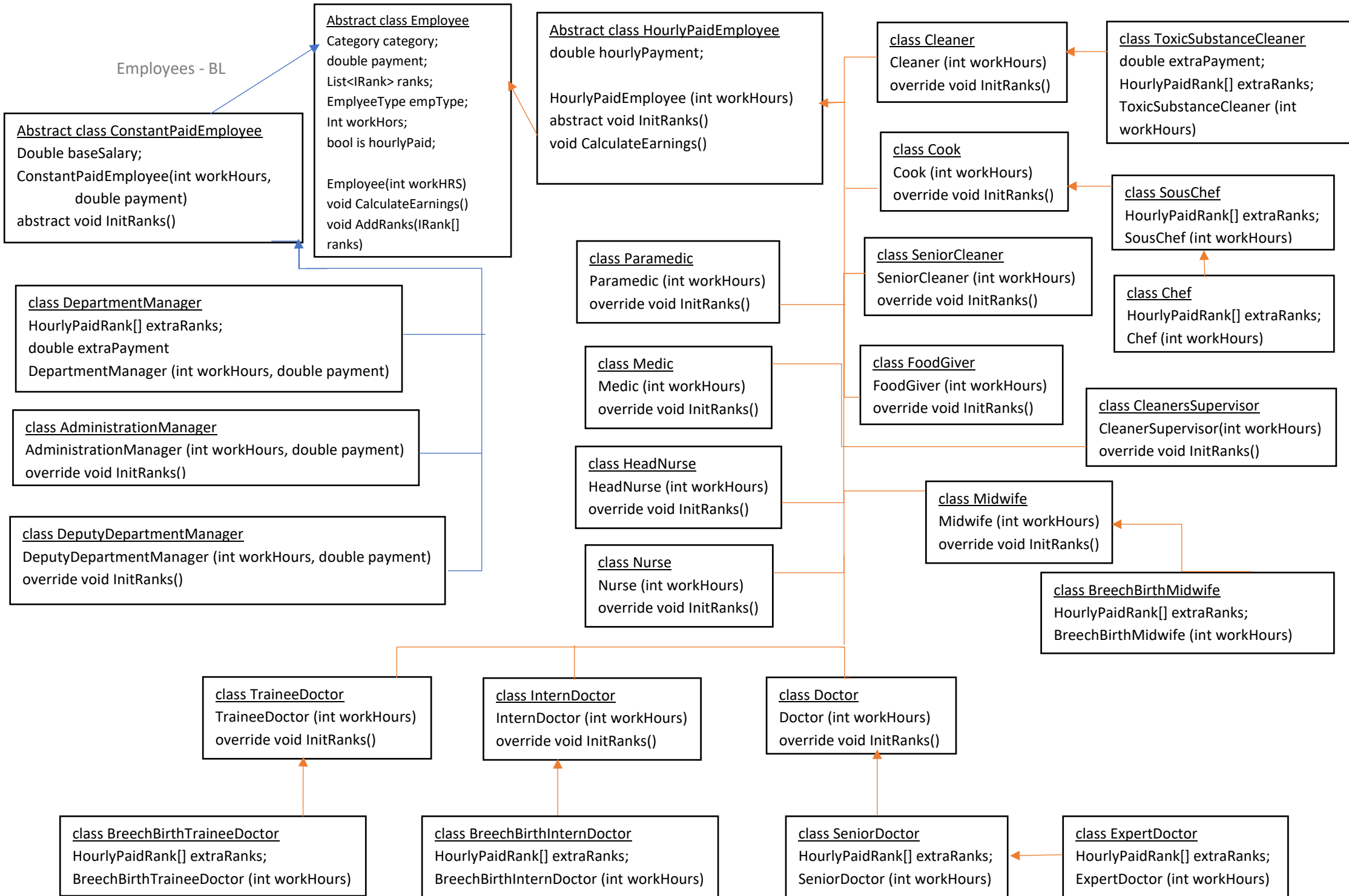
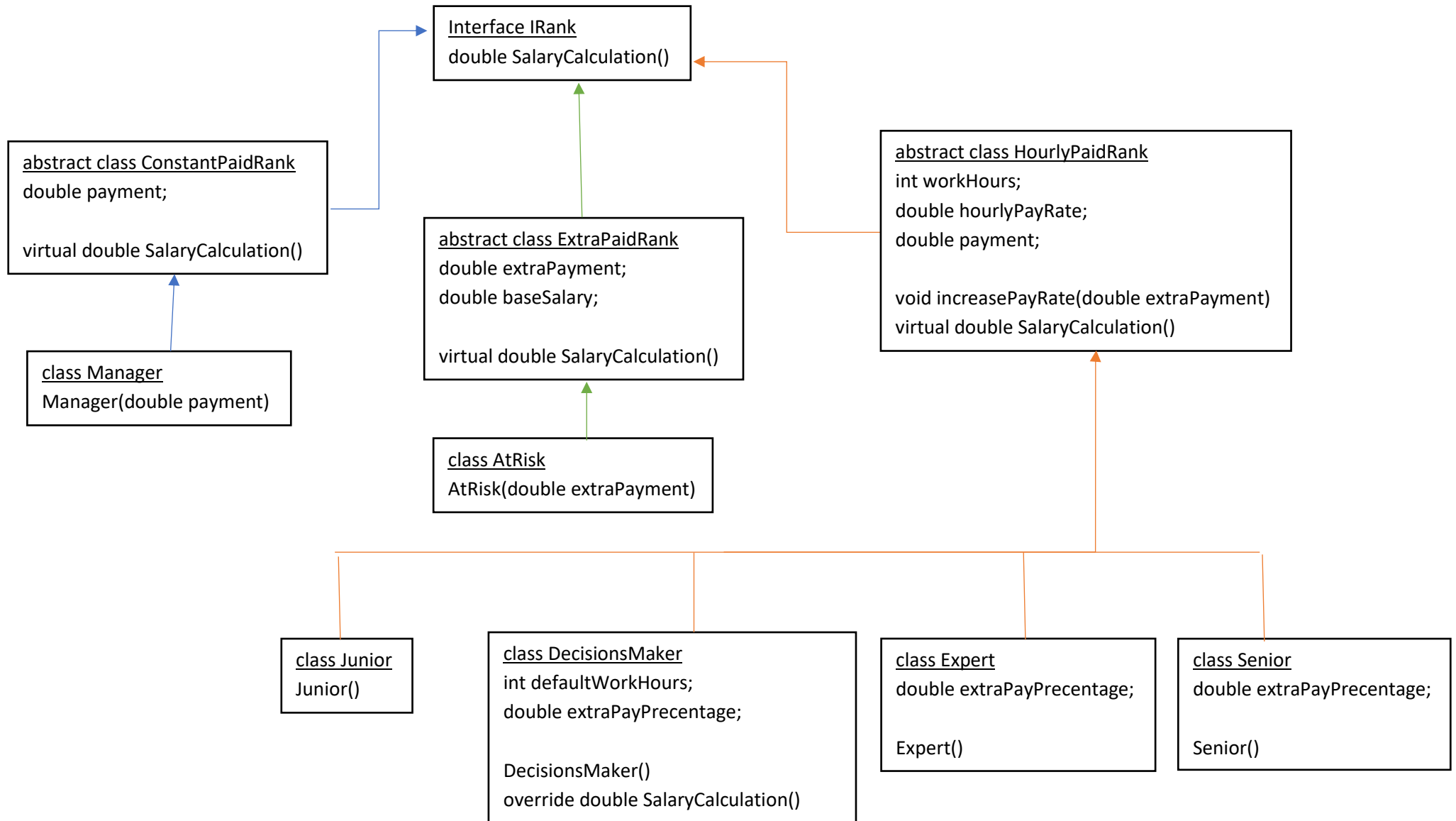


Employees - BL





DAL & WardDataManagement - BL

class ShiftDal

```
DataTable GetAllShifts()  
DataTable GetShiftsByEmployeeID(int employeeID)  
Int AddShift(int shiftID, int employeeID, string hourIn, int hourOut)  
bool isExist(int shiftID)  
DataTable GetShift(int shiftID)
```

class DBHelper

```
string connectionString;  
bool connectionOpen;  
SqlConnection dbConnection;  
  
bool openConnection()  
void closeConnection()  
SqlDataReader readData(string sql)  
int writeData(string sql)  
DataTable GetDataTable(string sql)
```

class EmployeeDAL

```
DataTable GetAllEmployees()  
DataTable GetEmployeeByType(string employeeType)  
Int AddEmployee(int id, string type, int category, int  
                workHours, bool isHourlyPaid, double constantPayment)  
bool isExist(int employeeID)  
int updateEmployeePayment(int employeeID, double payment)
```

class Shift

```
DateTime hourIn;  
DateTime hourOut;  
  
Shift(hourIn, hourOut)
```

class ManageShifts

```
string dateFormat  
  
bool AddShift(Shift shift)  
List<Shift> GetShiftsByEmployeeID(int employeeID)
```

class ManageEmployees

```
Employee AddEmployee(Employee employee)  
Employee GetEmployeeByID(int employeeID)  
List<Employee> GetEmployeesByType(EmployeeTypeEnum employeeType)
```