EmployeeDatabase

-m_Records : vector<Employee*>

+AddRecord(CE : Employee *)
+getEmployee(i : int) : Employee *
+getAllEmployees() : vector<Employee*>
+deleteAllEmployees()

Director

-m_ab : AbstractBuilder*

+setAbstractBuilder(ab : AbstractBuilder *)
+createFiles(emps : vector<Employee*>)

AbstractBuilder

+getOperand() : string
+getFileName() : string
+createFile(emps : vector<Employee*>)

Employee

-mFirstName : string
-mLastName : string
-mSalary : unsigned int
-mHiringYear : tm

+getFirstName() : string
+setFirstName(FirstName : string)
+getLastName() : string
+setLastName(LastName : string)
+getHiringYear() : tm
+setHiringYear(HiringYear : tm)
+getSalary() : unsigned int
+setSalary(Salary : unsigned int)

Sort

+fnameAscending(e1 : Employee, e2 : Employee) : bool
+fnameDescending(e1 : Employee, e2 : Employee) : bool
+lnameAscending(e1 : Employee, e2 : Employee) : bool
+lnameDescending(e1 : Employee, e2 : Employee) : bool
+salaryAscending(e1 : Employee, e2 : Employee) : bool
+salaryDescending(e1 : Employee, e2 : Employee) : bool
+yearAscending(e1 : Employee, e2 : Employee) : bool
+yearDescending(e1 : Employee, e2 : Employee) : bool

CSVBuilder

+getOperand() : string
+getFileName() : string

TabDelimitedBuilder

+getOperand() : string
+getFileName() : string