Assignment5_UMLDesign

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Job

+title: String
+company: String
+locationCity: String
+locationState: String
+costOfLivingIndex: Int
+yearlySalary: Float
+yearlySalaryAdjusted: Float
+yearlyBonus: Float
+yearlyBonusAdjusted: Float
+restrictedStockUnitAward: Int
+relocationStipend: Float
+personalChoiceHolidays: Int
+isCurrentJob: Bool
+score: Float

+setValues(String, String, String, String, Int, Float, Float, Int, Float, Int, Bool, Float)
-calcAdjustedSalary()
-calcAdjustedBonus()
+setScore(Int)

0..*   0..*

Comparison

-salaryWeight: Int
-bonusWeight: Int
-restrictedStockUnitWeight: Int
-relocationWeight: Int
-personalChoiceHolidayWeight: Int
-jobs: Job[]
-compare1: Int
-compare2: Int

+addCurrentJob((String, String, String, String, Int, Float, Float, Int, Float, Int, Bool, Float)
+addJobOffer((String, String, String, String, Int, Float, Float, Int, Float, Int, Bool, Float)
+setWeights(Int, Int, Int, Int, Int)
+ sortJobs()
- calcJobScore(): Int