Assignment 5

UML Diagram

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Application

-Job jobs
-ComparisonParameters comparisonParameters

+rankJobs(List<Job>)
+compareJobs(Job job1, Job job2)
+enterJob()
+editJob(Job job)
+enterJobOffer()
+changeComparisonParameters(ComparisonParameters comparisonParameters)

Job

-String Title
-String Company
-Integer YearlySalary
-Integer YearlyBonus
-Integer AllowedWeeklyTeleworkDays
-Integer TimeOffDays
-Integer CompanySharesGivenAtHireTime
-String City
-String State
-Integer CostOfLiving
-Boolean IsCurrentJob
+generateScore(
salaryWeight,
bonusWeight,
allowedWeeklyTeleworkDaysWeight,
timeOffDaysWeight
companySharesGivenAtHireTimeWeight
)

ComparisonParameters

-Integer SalaryWeight
-Integer BonusWeight
-Integer AllowedWeeklyTeleworkDaysWeight
-Integer TimeOffDaysWeight
-Integer CompanySharesGivenAtHireTimeWeight

ScoreWeightingAlgorithm