User

-jobOffers: ArrayList<Job>

-currJob: Job || NULL

-comparisonWeights: comparisonSettings

+saveJobDetails() : Job

+createJobOffer() : Job

+rankJobs(ArrayList<Job>) : ArrayList<Job>

+adjustWeighting(ComparisonSettings) : void

+compareJobs(Job,Job) : void

0..*

1

System

-users: ArrayList<User>

+getUsers()

+addUser(User)

1

0..*

Job

-hashmap<String, int>livingIndexes;

-Title: String

-CompanyName: String

-Location: String

-livingIndex: int

-yearlySalary: double

-bonus: double

-retirementBenefits: double

-relocationStipend: double

-RSU: double

+getLivingIndex(Location) : int

1

1

comparisonSettings

-AYSWeight: int = 1

-AYBWeight: int = 1

-RBPWeight: int = 1

-RSWeight: int = 1

-RSUAWeight: int = 1

+settingWeight() : void