JobCom

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Add/Edit

0..*

Job

- title: string

- company: string

- city: string

- state: string

- costOfLivingIndex: int

- yearlySalary: float

- yearlyBonus: float

- stockAward: float

- relocationStipend: float [0...25000]

- holidays: int [0...20]

- currentJob: boolean

+ insert(): void

+ update(): void

+ delete(): void

+ getCurrentJob(): Job

+ getJob(): Job

+ getJobs(): list(Job)

SystemMgr

+ createCurrentJob(Job) : void

+ updateCurrentJob(Job): void

+ createJobOffer(Job): void

1

+ updateComparisonSettings(): void

+ compareJobs(Job, Job) : list(Job)

+ listJobs(): list(Job)

+ offersAvailable(): boolean

+ getCurrentJob() : Job

+ comparisonPossible(): boolean

- calcScore(Job) : float

1

1

ComparisonSettings

- yearlySalaryWeight: int = 1

- yearlyBonusWeight: int = 1

- stockAwardWeight: int = 1

- relocationStipendWeight: int = 1

- holidaysWeight: int = 1

+ update(

int yearlySalaryWeight,

int yearlyBonusWeight,

int stockAwardWeight,

int relocationStipendWeight,

int holidaysWeight) : void

+ getComparisonSettings(): ComparisonSettings