design

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<<Comparator>> Interface

+ displayFullJobList(boolean, Array[] Job Offer): void + selectForComparison(Job offer1, Job offer2): void + displayJobComparison(Job offer1, Job offer2): void + changeJobWeightedSumParameters(Integer weight1, ...Integer weight5): void + getJobWeightedSum(Job offer): void

Main Menu Class

- jobList: Array[] Job Offer
 - WeightedSumParams: Array[] Integer
 - JobsToCompare: Array[] Job Offer
 - CurrentUser: User
 - jobListSums: HashMap<Integer, Job Offer>

+ getJobParameters(Job Offer):void + buildJobOfferObj(string,string,Tuple,Integer,Float,Float,Integer,Float,Float):void + editJobOfferObj(Job Offer): void + saveJobOfferObj(Job Offer,boolean): void

User

jobOffersUserHas: Array
 currentJob: Job Offer
 hasEnteredInAJob: boolean
 hasACurrentJob: boolean

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Job Offer

Title:StringCompany:String

- Location (City,State):Tuple

- Cost of Living Index: Integer

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- Yearly salary: Float

- Yearly bonus : Float

- Retirement benefits : Integer

- Relocation stipend: Float

- Training and development fund: Float

+ getTitle(): String
+getCompany(): String
+getLocation():Tuple
+getCostOfLiving():Integer
+getYearlySalary():Integer
+getRetirementBenfits():Integer
+getRelocationStipend():Float
+getTrainingAndDeveleopmentFund():Float

+ setTitle(String): void
+setCompany(String): void
+setLocation(Tuple): void
+setCostOfLiving(Integer): void
+setYearlySalary(Integer): void
+setRetirementBenfits(Integer): void
+setRelocationStipend(float): void
+setTrainingAndDeveleopmentFund(float): void