| Job(Abstract) |
|---|
|  |
| -    title : String |
| -    company : String |
| -    pay : double |
| -    location : Location |
|  |
| +    Job (title: String, company: String, pay: double, location: Location) |
| +    getTitle(): String |
| +    setTitle(title:String): void |
| +    getCompany(): String |
| +    setCompany(company:String): void |
| +    getPay(): double |
| +    setPay(pay: double):void |
| +    getLocation(): Location |
| +    SetLocation(location:Location): void |
| +    toString():String |
| +    Abstract getJobDetails(): String |
|  |

| FullTimeJob extends Job |
|---|
| |
| -    Benefits: String |
| |
| +    FullTimeJob (title: String, company:String, pay:double, location:Location, benefits: String) |
| +    getBenefits():String |
| +    setBenefits(benefits:String): void |
| +    getJobDetails():String |
| +    toString(): String |

| InternshipJob extends Job |
|---|
| |
| -    DurationWeeks: int |
| |
| +    FullTimeJob (title: String, company:String, pay:double, location:Location, DurationWeeks: int) |
| +    getDurationWeeks():int |
| +    setDurationWeeks(durationWeeks:int): void |
| +    getJobDetails():String |
| +    toString(): String |

| Location |
|---|
| |
| -    type(): String |
| |
| +    Location (type:String) |
| +    getType(): String |
| +    setType(type: String):void |
| +    toString(): String |

| JobBoardApp(main class) |
| --- |
| |
| +     main(args: String[ ]): void |
| |
| -    Displays menu |
| -    Takes user input |
| -    Creates location and job objects |
| -    Stores job object in Arraylist <Job> |
| -    Uses polymorphism via getJobDetails() and toString() |