Person

- Name: String
- SSN: String
- Age: int
- Gender: int
- Address: String
- PhoneNumber: String

+ setName(aName: String)
+ setSSN(aSSN: String)
+ setAge(aAge: int)
+ setGender(aGender: int)
+ setAddress(aAddress: String)
+ setPhone(aPhone: String)
+ getName(): String
+ getSSN(): String
+ getAge(): int
+ getGender(): int
+ getAddress(): String
+ getPhone(): String
+ toString(): String
+ equals(aPerson: Person): Boolean

parent — child

parent — child

Student

- GPA: double
- Major: String
- YearGrad: int

+ setGPA(aGPA: double)
+ setMajor(aMajor: String)
+ setYearGrad(aYear: int)
+ getGPA(): double
+ getMajor(): string
+ getYearGrad(): int
+ toString(): String
+ equals(aStudent: Student): Boolea

Employee

- Department: String
- JobTitle: String
- YearHired: int

+ setDepartment(aDepartment: String)
+ setJobTitle(aTitle: String)
+ setYearHired(aYear: int)
+ getDepartment(): String
+ getJobTitle(): String
+ getYearHired(): int
+ toString(): String
+ equals(aEmployee: Employee): Boolear

parent — child

parent — child

HourlyEmployee

- HourlyRate: double
- HoursWorked: double
- UnionDues: double

+ setHourlyRate(aRate: double)
+ setHoursWorked(aHours: double)
+ setUnionDues(aDue: double)
+ getHourlyRate(): double
+ getHoursWorked(): double
+ getUnionDues(): double
+ toString(): String
+ equals(aHE: HourlyEmployee): Boolean

SalariedEmployee

- AnnualSalary: double

+ setAnnualSalary(aSalary: double)
+ getAnnualSalary(): double
+ toString(): String
+ equals(aSE: SalariedEmployee): Boolea