Person

Employee

**UML DOMAIN MODEL**



Staff

Faculty

Graduate Student

Student

Person

Department

#firstname : String

#lastname: String

#studentId: String

#birthDate: String

#phoneNumber: String

+Person()

+Person(fname: String, lname: String, sId: String, birthDate: String, phone Number: String)

+toString(): String

+getFirstName(): String

+setFirstName(firstnam: String): void

+getLastName(): String

+setLastName(lastname: String): void

+getStudentId()

+setStudentId(studentId: String): void

+getBirthDate()

+setBirthDate(birthdate: String):void

+getPhoneNumber()

+setPhoneNumber(phoneNumber: String): void

+Student()

+Student(fname:String, lname: String, sId: String, birthdate: String, phoneNumber: String, major: String, creditHours: int, gpa: float)

+toString(): String

+getMajor(): String

+setMajor(major: String): void

+getCreditHours(): int

+setCreditHours(creditHours: int): void

+getGpa(): float

+setGpa(grade: float): void

+getNumWidgets(): int

+getWidget(index: int): String

+setWidget(index: int, item: String): void

+addWidget(item: String): void

+deleteWidget(index:int): String

Student

#major: String

#creditHours: int

#gpa: float

#classSchedule: ArrayList<String>

-classSchedule: ArrayList<String>

GraduateStudent

#thesis: String

#concentration: String

#assistanceType: String

+GraduateStudent()

+toString: String

+getThesis(): String

+setThesis(thesis: String): void

+getConcentration(): String

+setConcentration(concentration: String): void

+getAssistanceType(): String

+setAssistanceType(assistanceType: String): void

Employee

#hireDate: Date

#status: String

#department: String

+Employee()

+toString(): String

+getHireDate(): Date

+setHireDate(hireDate: Date): void

+getStatus(): String

+setStatus(status: String): void

+getDepartment(): String

+setDepartment(department: String): void

Faculty

+Faculty()

+toString(): String

+getRank(): String

+setRank(rank: String): void

+getResearchArea(): String

+setResearchArea(researchArea: String): void

+getNumWidget(): int

+getWidget(index: int): String

+setWidget(index: int, item: String): void

+addWidget(item: String): void

+deleteWidget(index:int): String

#rank: String

#researchArea: String

#currentCourses: ArrayList<String>

#jobTitle: String

#supervisor: String

#careerBand: String

Staff

+toString(): String

+getJobTitle(): String

+setJobTitle(jobTitle: String): void

+getSupervisor(): String

+setSupervisor(supervisor: String): void

+getcareerBand(): String

+setCareerBand(careerBand: String): void