Person

```
# firstName: String
# lastName: String
# StudentId: String
# birthDate: Date
# phoneNumber: String
```

```
+ Person()
+ Person(fname: String, lname:
String, sId: String, birthDate:
String, phoneNumber: String)
+ getFirstName(): String
+ setFirstName(fname: String): void
+ getLastName(): String
+ setLastName(lname: String): void
+ getStudentId(): String
+ setStudentId(sId: String): void
+ getBirthDate(): Date
+ setBirthDate(birthDate: String): void
+ getPhoneNumber(): String
+ setPhoneNumber(phoneNum: String): void
+ toString(): String
```

Student

```
# major: String
# creditHours: int
# gPa: float
# classSchedule: ArrayList<String>
```

```
+ Student()
+ Student(major: String, creditHours:
int, gPa: float)
+ getMajor(): String
+ setMajor(major: String): void
+ getCreditHours(): int
+ setCreditHours(hours: int): void
+ getGPa(): float
+ setGPa(gPa: float): void
+ getNumClasses(): int
+ getClass(index: int): String
+ setClass(index: int, class: String):
void
+ addClass(cClass: String): void
+ deleteClass(index: int): String
+ toString(): String
```

GraduateStudent

```
# thesis: String
# concentration: String
# assistanceType: String
```

```
+ GraduateStudent()
+ getThesis(): String
+ setThesis(thesis: String): void
+ getConcentration(): String
+ setConcentration(conc: String): void
+ getAssistanceType(): String
+ setAssistanceType(aType: String): void
+ toString(): String
```

Employee

```
# hireDate: String
# status: String
# department: String
```

```
+ Employee()
+ getHireDate(): String
+ setHireDate(hDate: String): void
+ getStatus(): String
+ setStatus(status: String): void
+ getDepartment(): String
+ setDepartment(department: String): void
+ toString(): String
```

Faculty

#rank: String
#researchArea: String
#currentCourses: ArrayList<String>

+Faculty()
+getRank(): String
+setRank(rank: string): void
+getResearchArea(): String
+setResearchArea(fArea: String): void
+getNumCourses(): int
+getCourse(index: int): String
+setCourse(index: int, class: String): void
+addCourse(class: String): void
+deleteCourse(index: int): String
+toString(): String

Staff

#jobTitle: String
#supervisor: String
#careerBand: String

+Staff()
+getJobTitle(): String
+setJobTitle(title: String): void
+getSupervisor(): String
+setSupervisor(supervisor: String): void
+getCareerBand(): String
+setCareerBand(cband: String): void
+toString(): String