Class Diagram - Assignment 5

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Grad Student

+noOfYears: final Int = 4
-finalyearProjectName: String

+ operation1(params):returnType
- operation2(params)
- operation3()

Post Grad Student

+noOfYears : Final int = 2
-finalYearThesisName : String

+ operation1(params):returnType
- operation2(params)
- operation3()

STUDENT

- studentId: int
- studentName : String
- residentialStatus : String
- noofpresentdays : int

+viewMarks();
+viewAttendance()

HAS A

COURSE

- courseId : int
- courseName : String
+FacultyName: String

MARKS

- project marks: float
- assignment marks: float
- internal Test marks: float
- semester end exam marks: float

HOD

+ allocateCourseToLecturers()
+ modifyAllocationToLecturers()

Faculty

- facultyName: String
- departmentName: String

+ calculateSalary()

extends

Admin Staff

- name: String

+ registerStudentsForCourses

Lecturer

+ updateMarksOfStudents()
+ markAttendanceOfStudents()
+ calculateSalary() : override

extends

Full Time Lecturer

- salarypermonth: int
- numberofTargetDays: int

+ calculateSalary(): override

extends

Visiting Lecturer

noOfLecturesTaken: int

+ calculateSalary(): override

extends