Student

- studentID: integer
- lastName: str
- firstName: str
- scores: list[float]
- finalScore: float

+ __init__(self, studentID, lastName, firstName, scores, finalScore): None
+ __str__(self): None
+ addScore(score, index): None
+ getStudentInfo(): list[str]

GradeBookInteface

- gradeBook: GradeBook

+ __init__(self): None
+ showMenu(self): None
+ addStudent(studentID, firstName, lastName): None
+ saveStudents(): None
+ recordScores(type): None
+ changeScores(): None
+ finalScores(): None
+ readPolicies(): list[int]
+ savePolicies(info): None
+ newSemester(): None
+ outputData(method): None

GradeBook

- students: list[Student]
- db: StudentRepository

+ __init__(self): None
@property
+ students(self): list[Student]
+ addStudent(studentID, firstName, lastName): None
+ saveStudents(): None
+ recordScores(type): None
+ changeScores(): None
+ finalScores(): None
+ readPolicies(): list[int]
+ savePolicies(info): None
+ newSemester(): None
+ outputData(method): None

StudentRepository

- fileName: str

+ __init__(self): None
+ getStudent(self): list[Student]
+ saveStudent(self, students): None