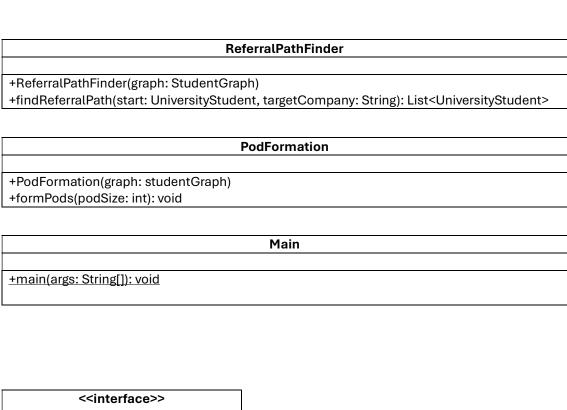
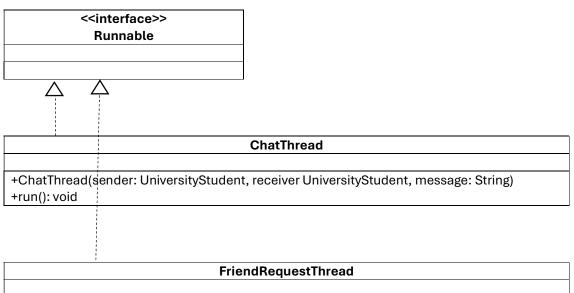
## Student {abstract} #name: String #age: int #gender: String #year: int #major: String #gpa: double #roommatePreferences: List<String> #previousInternships: List<String> +calculateConnectionStrength(other: Student): int {abstract} UniversityStudent +UniversityStudent(name: String, age: int, gender: String, year: int, major: String, gpa: double, roommatePreferences: List<String>, previousInternships: List<String>) +calculateConnectionStrength(other: Student): int StudentGraph -adjacencyList: Map<UniversityStudent, List<Edge>> +StudentGraph(students: List<UniversityStudent>) +addEdge(one: UniversityStudent, two: UniversityStudent, weight: int): void +getNeighbors(student: UniversityStudent): List<Edge> +getAllNodes(): Set<UniversityStudent> Edge -otherStudent: UniversityStudent -weight: int +Edge(otherStudent: UniversityStudent, weight: int) +getOtherStudent(): UniversityStudent +getWeight(): int

DataParser
+parseStudents(filename: String): List <universitystudent></universitystudent>

GaleShapley	
+assignRoommates(students: List <universitystudent>): void</universitystudent>	





## +FriendRequestThread(sender: UniversityStudent, receiver: UniversityStudent) +run(): void