

Person
+studentID +currentPreference
+getID() +getCurPref()

Project
+enrolledStudents +maxStudents +projectID +numBoys +numGirls
+getMaxStudents() +getNumBoys() +getNumGirls()

Database
+SQLiteDB: db
+getPreference(Person, preference) +getGender(Person) +getPrevYears(Person) +getGrade(Person)

Algorithm
+Queue of People
+getNextPerson() +applyToProject(Person, Project)