

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

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

Database
+SQLiteDB: db
+Database(String url) -connect() +getPreference(int StudentId, preference) +getGender(int StudentId) +getPrevYears(int StudentId) +getGrade(int StudentId) +getMinStudents(int ProjId) +getMaxStudents(int ProjId) +getAllStudentIds() +getAllCourseIds()

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