Design Class Diagram

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<<Entity>> Class

courseNum: intnumSections: intnumSeats: intseatsFilled: intavailableSeats: int

studentsEnrolled: arraypreReqs: arrayclassTimes: array

+ makeClass(courseNum, numSections, classtimes) : Class

- incseatsFilled()

- addStudent(pawsNumber)

- decavailSeats()

<<Entity>> Student

pawsNumber: intpref1: Stringpref2: Stringpref3: Stringpref4: Stringpref5: String

- coursesEnrolled : array - numRequests : int - totalCourses : int - courseHistory : array

 $+\ makeStudent (pawsNum,\ pref1,\ pref2,\ pref3,\ pref4,\ pref5,\ numRequests,$

courseHistory) : Student - inctotalCourses()

- addCourse(courseNum)