Engineering Admission Committee

We want to develop an application for the admission committee to help them prepare merit lists and help with the admission procedure.

The application will have information about different colleges, courses they offer and number of seats in each college for each course.

* College Name
* Courses
* Number of seats

Students should be able to submit their application in the software with following information:

* Name
* Gender
* Their marks in the 12th Board
* Their marks in Guj-CAT
* List of 5 colleges and courses of their preference, sorted by their preference

The admission process considers 60% of the board marks and 40% of the CAT.

**The Admission Process:**

Admission process will happen sequentially. The application will provided a sorted list of students based on their marks and student will appear in that order for the admission.

For a given student, the application should display colleges/courses from their preference if they have seats available. If not, it should allow student to select other college of their choice.

**Reports:**

The application should provide following information when needed:

* For a given year, cut-off merit rank for each college/stream
* For a given year, cut-off marks (combining guj-cat + board) for each college/stream
* For a given year, percentage of vacant seats for colleges/streams