

SPECIFICATIONS

We are currently looking for a system to manage our CCA Allocation to students.

Overview

The objective of system is to allocate CCA to students based on their preferences and the CCA parameters within reasonable amount of time. There are three main components:

- Student Choices
 - Student log in to a portal to register their choices. In addition, information like Drug Allergies, Previous Year CCA, Level of Competition and NAPFA are also to be collected.

- Allocate CCA
 - The Allocation of CCA to students is to be processed within a reasonable of time based on the predefined parameters:
 - Max Number of members allowed in each CCA
 - Min number of Members in each CCA to monitor.
 - Allocation is done in the following order:
 - 1) Students whose CCA are being FIXED for some reasons (Manual)
 - 2) DSA Students
 - 3) Ranked Students (Ranked by CCA Teachers)
 - 4) The rest of the Students based on 1st Choice, 2nd Choice, 3rd Choice and so on Allocation can be completed within seconds except for “Left Over” which you need to allocate manually.

- Generate Reports
 - Class List with their Choices and Allocated CCA
 - CCA List with their Members and choices
 - Allocation Statistics

Work Flow

The following is the work flow for the CCA Allocation Exercise

<u>Order</u>	<u>Description</u>
1	Convert Cockpit Data (Class and Pupil)
2	Update all the CCA offered and Set Parameters Max and Min Order of Allocation (Preferred Order of Allocation by CCA)
3	Update CCA Ranking List, if any (Ranking can be updated prior to Allocating CCA to students)
4	Upload Database to CCA Portal
5	Student Opt for their CCA Choices
6	Download Database from CCA Portal
7	Merging Students' Choices to CAS
8	Allocate CCA to Students