UWE/CCC allotment scheme for students

1. **Project description**

To ensure that UWEs/CCCs are allotted to every student impartially and every student is able to get their courses of choice.

1. **Purpose of the Project**
   1. Background of the Project
2. Content:

UWE/CCC allotment has been an issue of concern for both the students and their respective faculty. Students have not been able to get a course of their choice which can lead to several time constraints and overburdening in the later semesters. Many times, due to high workload, he server crashes and all the saved data of the student is lost. Luck became a crucial role player in any student’s course allocation. This triggered our idea to ameliorate this problem and create a fair and impartial system to allot the courses.

1. Motivation of the project:

Every year, a lot of students fail to get registered in the courses of their choice and get heavy workload in the later semesters due to unfulfilled credits. The server cannot handle the substantial surge in the traffic on the day of registration and crashes. It has been occurring since the inception of the university and we want to make an unprecedented application that can ameliorate this problem.

1. Considerations:

Registration in a course of student’s choice is a cardinal right and every student deserves to study what they like. Frequent server crashes and luck in getting the preferred course belies this fundamental right. Even faculty has to take extra steps to allow students to register in the course after the seat allotment has been complete. Solving this problem will be a huge relief for everyone.

* 1. Goals of the project

1. Content:

To create an application to ensure a fair and an impartial allotment of courses to students.

1. Motivation:

To improve the current course allocation system and ensure that the deserving students are able to fulfil their credit requirements at the latest. Students in their final years of study aren’t able to complete their courses and many of their juniors are able to register in more courses. It also increases the workload on the professors who are taking the course.

1. Examples:

A student in their final year of study is left with only 2 CCCs to complete. He is on an internship in a remote location with bad internet connectivity. On the day of the course registration, the site loads very slowly. Within a few minutes, all the seats get filled and the student is left with no course. He will have to make extra effort to talk to professors, get required permissions and miss a few classes. All this takes substantial effort and time and should be put to better use. Our system will ensure that everyone in his category gets a seat of his choice for sure.

* 1. Measurement

We will not incur monetary benefits from this project. However, it will solve a problem generally faced by many students and will be of utmost benefit to the teachers as well. On completing the project, we will have fewer students who have not been registered in any courses and higher year students will be sure to get a seat in their course of preferred choice and complete their credit requirements before the final year.