## **Online Course Reservation System**

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#### **Problem Statement:**

Online Course Reservation System is used to choose the course through online by the students. They are provided with a catalog with which they can choose the course. The catalog contains the detailed description about each course and the availability of the course which helps the students to decide on their own. The system is managed by administrator and administrator can maintain and view all the students who have registered to any course.

If this entire process of 'Issue of course' is done in a manual manner, then it would take several months for the course to reach the applicant. Since the number of applicants for online courses increasing every year, an Automated System becomes essential to meet the demand.

A typical previous generation system has a complex search catalogue, providing promotional and irrelevant content which meets neither their difficulty level nor their personal interest and often giving suggestion for the users which doesn't match their career preferences.

With this system we can address all the above-mentioned problems by providing User-friendly priority based search options according to what user wants to pursue, automatically recommends courses based on their educational status and already pursued courses for better guidance for their career and providing intelligent remainders and plans to keep the students on track of their process. This system uses several programming and database techniques to elucidate the work involved in this process.