Student Records System SRS - Preliminary Planning Overview

The School of Prosperity (SoP) is a small Information Technology & Science school located in the nation’s capital of Washington, D.C. The school serves a growing student population of about 5000 students by offering programs leading to the Bachelor and Master degrees in IT and Software development.

SoP has, traditionally, offered most of its classes in a face-to-face modality. Recently and because of the increased demands of student enrollments, the school started to offer some of its classes online as well.

The school staff currently uses an in-house desktop application to keep track of students, courses, and to register students for classes. School staff has to be physically in the office in order to access the in-house application. To register for a class (either face-to-face or online class), a student must complete a paper registration form, submit it to the school staff, and the staff will then enter the registration information into the desktop application.

This process always generates many errors in moving from the paper form to the electronic registration filing. Moreover, since there are so many add/drops at the beginning of each semester, the school staff experiences a higher than normal work volume handling these add/drop forms preventing them for completing other tasks allocated to them like staff development and training.

To keep up with the high demands of increased enrollments and to allow students to handle their own registrations online, SoP decided to invest in a new Internet-accessible Student Record System dubbed SRS.

The SRS is to maintain records for students enrolled in the school, courses offered by the school, classes offered of these courses in the two modalities of online and face-to-face, and student grades for the classes that they have completed. The SRS should be Internet-accessible and thus allows students to self-register directly for their own classes and allows the staff to work from any location that has an Internet connection and a web browser.