Student Management System

By Fuzzy Logic

Imperial College has contacted Fuzzy Logic and has requested to design and develop an operational database system which allows their institution and student body to manage student registrations.

The system should be required to perform the following utilities:

Create

* Allow a new student to enroll at Imperial College
* Allow a new student to register for both semesters of the current year
* Allow an administrator to populate a database of results for student modules

Retrieve

* A student can view their own details
* An administratior should be able to view their details
* A student should be able to view their own registration
* A student can view a statement which contains every module for which they are registered
* A student can view their recorded results for every module
* An administrator can view analytical data for student results

Update

* Allow a student to edit personal details
* Provide an administrator the option to change their personal details
* A Student should be able to change their password
* An administrator can change their password

Delete

* An administrator can delete a current registration of a student

The System databases will be implemented and managed using a private SQL Server Management Studio. The Application is written in Microsoft Visual Studio.