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**CSC597 Master’s Project: The College Of Saint Rose Course Enrollment System**

**Table descriptions**:

The project makes use of 5 tables which are stored in the mandal.sql database file. A brief description of each table are as follows:

1. Table ‘**admin**’:

* Stores information pertinent to the administrator profile.
* Each newly created administrator is denoted by her/his ‘ADMINID’ (which starts with 3 and is 4 digits in total).
* The table entries which uniquely describe each admin profile are:

ADMINID, PASSWORD, ROLE, FIRSTNAME, LASTNAME, ADDRESS, CITY, ST, ZIPCODE, PHONE and EMAIL.

* ADMINID is a primary key.

1. Table ‘**classes**’:

* Stores information pertinent to the classes profile.
* Each newly created class is denoted by its ‘CLASSID’ (which starts with 10 and is 3 digits in total).
* The table entries which uniquely describe each class profile are:

CLASSID, CLASSCODE, CLASSNAME, SEC, ENROLLMENT, MAXENROLLMENT, STATUS, LOCATION, DAYS, STARTTIME, ENDTIME, FACULTYID and DESCR (for class description).

* CLASSID is the primary key and FACULTYID is foreign key.

1. Table ‘**enrollments**’;

* Stores information pertinent to the enrollment profile.
* Each newly created enrollment is denoted by its ‘ENROLLMENTID’ (which starts with 100 and is 5 digits in total).
* The table entries which uniquely describe each enrollments profile are:

ENROLLMENTID, STUDENTID, CLASSID, FACULTYID, CLASSCODE, SEC and STATUS.

* ENROLLMENTID is the primary key and STUDENTID, CLASSID and FACULTYID are foreign keys respectively.

1. Table ‘**faculty**’;

* Stores information pertinent to the faculty profile.
* Each newly created enrollment is denoted by its ‘FACULTYID’ (which starts with 2 and is 4 digits in total).
* The table entries which uniquely describe each faculty profile are:

FACULTYID, PASSWORD, ROLE, FIRSTNAME, LASTNAME, ADDRESS, CITY, ST, ZIPCODE, PHONE, EMAIL and BIO.

* FACULTYID is the primary key.
* The password for each student is set by the administrator(s). Hence, it can only be reset or changed by an administrator.

1. Table ‘**student**’;

* Stores information pertinent to the student profile.
* Each newly created enrollment is denoted by its ‘STUDENTID’ (which starts with 1 and is 4 digits in total).
* The table entries which uniquely describe each admin profile are:

STUDENTID, PASSWORD, ROLE, FIRSTNAME, LASTNAME, ADDRESS, CITY, ST, ZIPCODE, PHONE and EMAIL.

* STUDENID is the primary key.
* The password for each student is set by the administrator(s). Hence, it can only be reset or changed by an administrator.

The information in the tables can be entered directly into the database (.sql file), updated via an online database server (phpmyadmin and/or MySQL server) or can be updated from the Enrollment website itself.