Schema Explanation

- ## PERSON

Stores all the personal information of person, and inherits this information to the STUDENT, FACULTY and ADMIN tables. The person is identified by CNIC which acts as a primary key

- ## STUDENT

Stores the NU ID and ARN number of the student along with personal information. The student is identified by the NU ID which acts as a primary key

- ## FACULTY

Stores the personal information of faculty and is used in relationship with EVLUATION and COURSES table.

- ## ADMIN_OFFICER

Stores information about admin officer which relates to the courses table. Admin can offer courses and create sections.

- ## LOGIN

Stores the username and password of all persons in the database. The username decides if the person is a student, faculty or an admin.

- ## COURSES

Stores the information about all offered courses including the course name, id, and relates with itself identify PREQUISITES and the number of students in the course.

- ## SEMESTER

Stores the semester information of a student, including GPA, CGPA and the information of the previous semesters.

- ## SECTION

Stores the students that belong to a particular section of a particular course. A new section is created automatically when the number of students exceed a specific limit.

- ## FEEDBACK

Stores the feedback of a student of a particular instructor in a particular course, highlighting a ternary relation.

- ## EVALUATION

Stores the evaluations and grades of a student given by a particular instructor in a particular course.

- ## GRADES

Stores the grading scheme and marks distribution of a particular course for the evaluations.