**University Administration DBMS**

module : Employee  
Roll :1005002

Buet has many offices. Each office is identified by office name. Each office has its own location in campus(building name),pabx and fax no.

Under each office there are many job positions i.e.designation. These positions/designations are identified by the designationid.For each designation there is designation name, office telephone numbers , room numbers and payscale information. Different designation can have same payscale.Payscale information stores year of declaration, starting salary and increment. In each position works one or more officers/employees/teacher. Here two or more designation can have same designation name but differs because have different other attributes.

Each employee/officer is identified by employee/officer id. University stores employees residence phone , mobile no ,university email , another email address,dependants i.e. spouse/children information, personal scale and medical history. Dependants information include name,date of birth and relation. Medical history stores description and date.

For each position university stores the whole working history showing which employee worked in a position for a certain period indicating joining and leaving date. A officer/employee can be promoted or switched between positions.

**Module: Teacher**

**Roll: 1005017**

A University (BUET) has many faculties. Each faculty has a name and a unique faculty id. Each faculty is consisting of some departments. Each Department has individual department id, name, office. There are many teachers in a department. Each teacher is assigned to a department and a department has many teachers. Each teacher has a unique id. The teachers receive their salary according to their designation and respective pay scale for the designation. Each teacher has some dependencies on him/her like family members or any other dependents.

There is a Chancellor and a vice-chancellor for a university. The Vice-Chancellor is one of the teachers. Each faculty has a Dean and each department has a head of the department. The Deanship and Headship is assigned to a teacher for a period of time. So there are multiple teachers who perform this responsibility but at a time there will be only one head of the department.

There are also some other institutes and centers in a university (like IICT, IAC in BUET) and each of them has a director and some faculty members. The director and members are chosen amongst the teachers of the University. This additional job is also assigned for a period of time. There may also some technical personnel in an institute whose are not teacher of the university. There are some residential halls and a teacher is assigned as the provost of a hall.

A teacher can take leave on some purposes (e.g. higher study leave). A teacher can take different type of leaves multiple times for different reasons.