

PROJECT

REVIEW-1

SHASHANK SHUKLA

18BCE2522

DBMS

PROF. MURALI SIR

ABSTRACT-

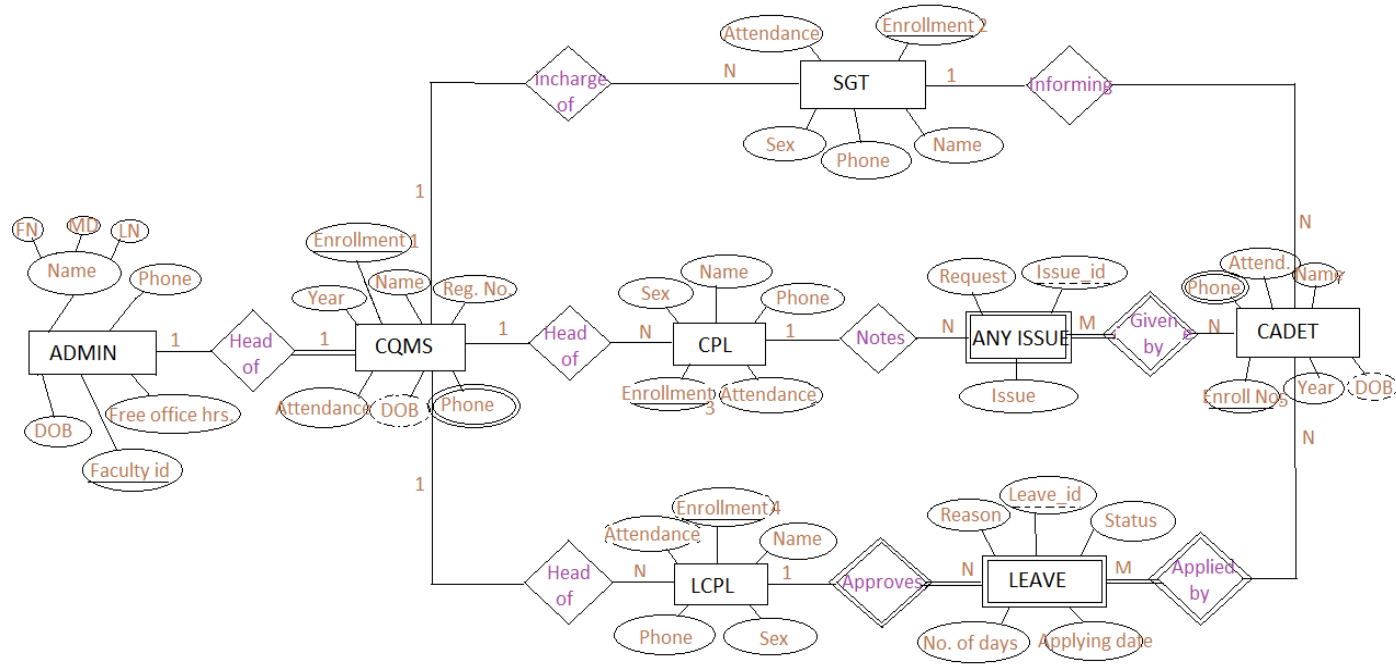
Topic of my project is **‘NCC DATABASE MANAGEMENT SYSTEM’**.

The National Cadet Corps (NCC) is a voluntary organization which recruits cadets from universities all over India. A faculty with rank as ANO is the main admin of NCC in college and serves as a link between higher authority and cadets. The NCC database management is a system required for management and visualization of cadet's attendance, issues and leave approvals. It is designed to connect ANO (admin) with respective in charge cadet, senior cadets and other fellow cadets. The goal of this system is to allow visualisation of attendance and to build a flow of responsibilities among cadets.

CQMS (Company Quarter Master Sergeant) is a post given to a cadet who is in its third year of NCC and he becomes in charge of all cadets. SGT(Sergeant) is a senior cadet who delivers all necessary information to cadets. LCPL (Lance Corporal) is a senior in NCC who is responsible for approval of leaves applied by cadets. CPL (Corporal) is also a senior cadet who is responsible to solve any kind of issues raised by cadets.

In website, there will be separate logins for Admin (ANO), CQMS, LCPL, CPL and other cadets. In case of respective login there will be separate modules of tasks which can be performed by the respective user. The tasks will vary according to the ranks of cadets. In case of other cadet login there will be a separate module to apply for leave, to check attendance and to apply for any grievance.

ER DIAGRAM-



RELATIONAL SCHEMA-

ADMIN

Faculty id	Primary key
FN	Not null
MN	
LN	Not null
DOB	Not null
Phone	Not null
Free office hrs.	Not null

CQMS

Enrollment1	Primary Key
Name	Not null
Reg. No.	Not null
Year	Not null
Attendance	Not null
Faculty id	Foreign Key(ADMIN)

LCPL

Enrollment4	Primary Key
Name	Not null
Attendance	Not null
Sex	Not null
Phone	
Enrollment1	Foreign Key (CQMS)

CPL

Enrollment3	Primary key
Name	Not null
Attendance	Not null
Sex	Not null
Phone	
Enrollment1	Foreign Key (CQMS)

SGT

Enrollment2	Primary key
Name	Not null
Attendance	Not null
Sex	Not null
Phone	
Enrollment1	Foreign Key (CQMS)

ANY ISSUE

Issue_id	Primary key
Issue	Not null
Request	
Enrollment3	Foreign Key (CPL)

LEAVE

Leave_id	Primary key
Reason	Not null
No. of days	Not null
Applying date	Not null
Status	Not null
Enrollment4	Foreign key (LCPL)

CADET

Enrollment5	Primary key
Name	Not null
Year	Not null
Attendance	Not null
Enrollment2	Foreign key (SGT)

GIVEN BY

Issue_id	Foreign key (ANY ISSUE)
Enrollment5	Foreign key (CADET)

APPLIED BY

Leave_id	Foreign key (LEAVE)
Enrollment5	Foreign key (CADET)

CQMS_PHONE

Phone no1	Not null
Phone no2	
Phone no3	
Enrollment1	Foreign key (CQMS)

CADET_PHONE

Phone no1	Not null
Phone no2	
Phone no3	
Enrollment5	Foreign key (CADET)

TOOLS-

HTML, CSS, PHP for front end, Mysql for database and phpMyAdmin and other DBMS tools.