TOPIC : An information system to keep track of the students' project of an University/College

PROBLEMs

On account of studying the existing system of student project tracking and management ,some of the below problems was discovered

1. cost :

  a.Higher cost incurred by the student in photocopying project materials(Documents).

  b.Must transport fair spend by student and sometimes supervisor for project related meetings.

2.Redundancy of topic : Different supervisor tend to approve same topics for students in the same department ,hence repetition and reccurrence of project topic are almost invitable .

3.Delay and Stressful : Delay and stress associated with submission, approval and registration of the topic with the department as various free verification.

4 Time Factors :

     a.The stress of students always trying to catch up with supervisors and sometimes supervisors inconveniencing there selves to cut out time from there tight schedules to attend to project students ,this tends to promote some level of discomfort .

b. Days set aside by the supervisor for approval of the project supervisors to interact with student often clashes with other academic activities in Department .

5. Dicomfort : Supervisor has to be present before aproval of topics or any other project activity will go on .

Our approach for solving the above problems :

The main objective of the our students project allocation system is to make an internet based system which will provide information of each student to institute with ease. This project will provide an effective and efficient way to manage data with low cost. The Student Project Allocation contains various options such as login/logout, data management by grouping same type of data etc. which will give an interactive experience to users. It will be secure with a password so the data can be used by only those who have an id and password while the data will be maintained in the system for a long period of time.

A brief introduction to our project

The system is made of several modules in which some important modules are:

Admin :

In the admin module the overall control will have the institute administrator and by using this module an institute can give access to any person by providing an ID and password to those while it can also check the information that who had access to the system with date and time.

User(faculty and student)

In the user module, a person can only view the details by login to the system with their Unique ID provided by the system.

Project tracking allocation entities and their attributes :

Admin entity :attributes of admin are username ,password

Faculty Entity : attributes of Faculty are f_id , f_name, d_code;

Student Entity: attributes of student are rollno, f_name, l_name, CGPA, P_code, pid;

program Entity : attributes of student are P_code ,P_name,D_code .

Project Entity : attributes of student are P_ID, P_Name , F_ID.

Research Entity : attributes of student are R_ID ,R_field .
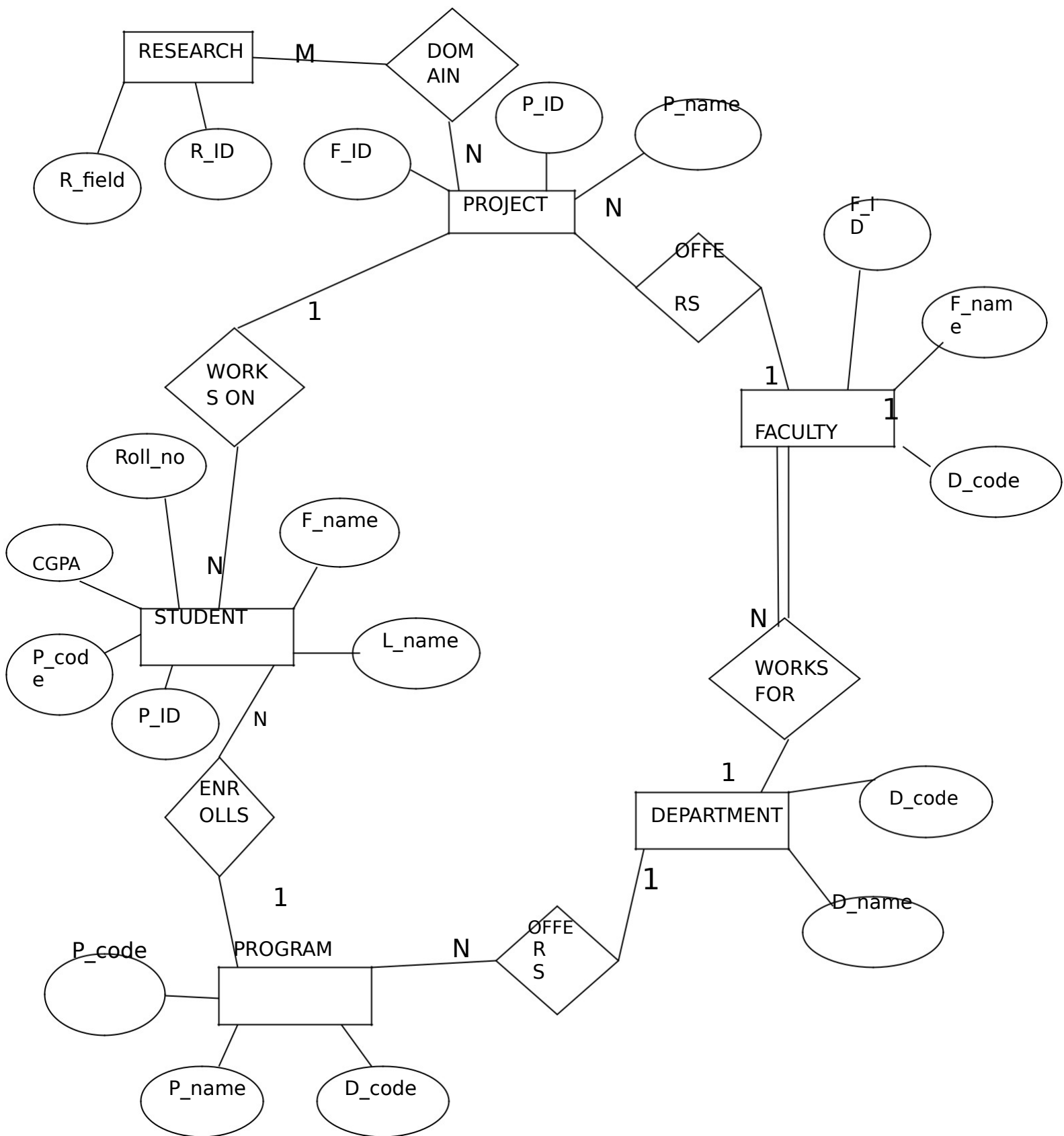
Domain Entity : R_ID ,P_ID .

Fig : ER model for student project tracking management system

STUDENT

Roll_no	F_name	L_name	CGPA	P_code	P_ID

PROGRAM

P_code	P_name	D_code

FACULTY

F_ID	F_name	D_code

DEPARTMENT

D_code	D_name

PROJECT

P_ID	P_name	F_ID

RESEARCH

R_ID	R_field

DOMAIN

R_ID	P_ID
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Fig : RM Model for student project tracking management system

STUDENT (BCNF)
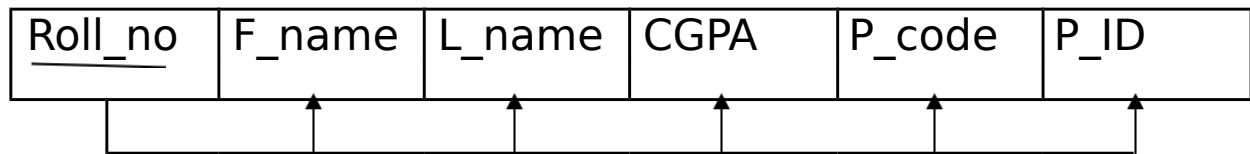
Roll_no	F_name	L_name	CGPA	P_code	P_ID

PROGRAM (BCNF)

P_code	P_name	D_code

FACULTY (BCNF)

F_ID	F_name	D_code

DEPARTMENT (BCNF)

D_code	D_name

PROJECT (BCNF)

P_ID	P_name	F_ID

RESEARCH (BCNF)

R_ID	R_field

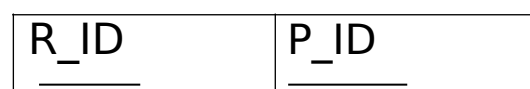## DOMAIN (BCNF)

R_ID	P_ID
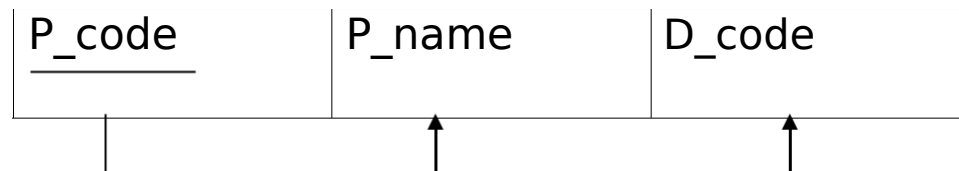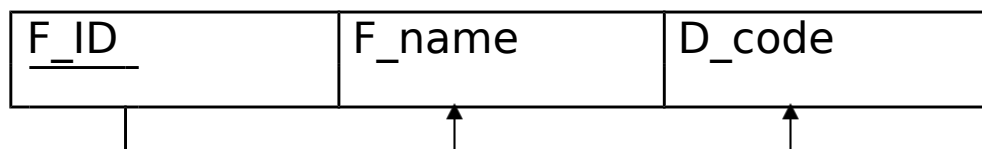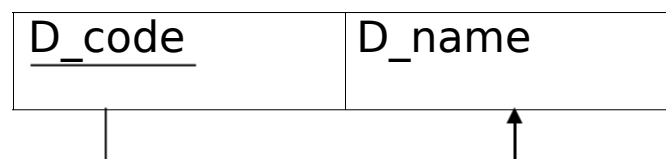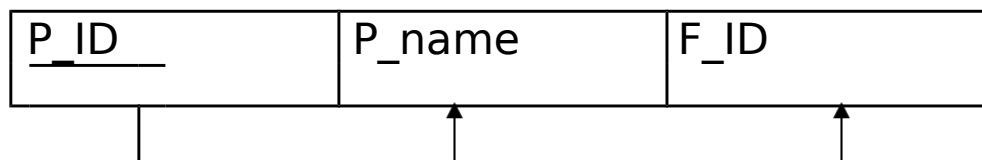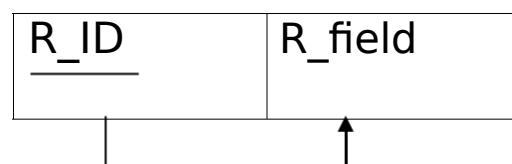
Fig : FD of the entity present in the previous RM model

THANK YOU