INTRODUCTION

Online course portal is software developed for student in schools, colleges and institutes to access online course material. This project aims at creating a Courses portal for a campus/organization. This allows registered users of the system to join a course available in the site and access the materials published for the course. People can register themselves as students of a course or Faculty for a course. It facilitates to access the information of a particular course. The information **is** provided by the teacher for a particular course. The purpose of developing software is to computerized the tradition way of taking class.

FEASIBILITY STUDY

1. Executive summary:

This is a project on online course portal for campus with query system. It is basically a website created for online study. A student has to enroll himself for different courses as provided by the institute. This website also provides facility to faculty member to upload their study material and practice paper for the student. To avail this facility a student and faculty member has to register themselves. A conformation message will be send to all registered members by the administrator.

This project is developed solely for the MGM institute. Its benefits are that student will get knowledge of basic concepts of different courses like JAVA, C etc. and updated technology like PHP, C# etc.

2. Technical and system feasibility:

Technical feasibility centres on the existing manual system and to what extent it can support the system. According to feasibility analysis procedure the technical feasibility of the system is analyzed and the technical requirements such is software facilities, procedure, inputs, are identified. It is also one of the important phases of the system development activities.

2.1 TECHNOLOGY USED:

In this project the technology used is the PHP (Pre Hypertext Processor) which is a server side programming language. It's best suited for this project because it removes the risk of future change done to the website.

PHP is simple to write and execute on the server side. It can be embedded within HTML and JAVASCRIPT tags.

2.2 SYSTEM STUDY:

I. SOFTWARE REQUIREMENTS:

a. PHP

b. HTML

c. APACHE TOMCAT SERVER 2.0

d. MYSQL

e. WINDOWS OS-95/98/2000/NT/XP/7/8

II.HARDWARE REQUIREMENT:

a. i3/i5 processor

b. 3GB RAM

c. 500 GB hard disk

d. 1GB Graphics card.

3. Schedule Feasibility:

The project is scheduled to start at 5th semester and is required to finish at 6th semester. A rough schedule of the project is as below

- August - Model design.
- September - System requirement and feasibility study.
- October - SRS.
- November - Submission of the complete report of the project analysis.
- February - Design of the client side web pages.
- March - Design of the relational database.
- April - Design of the server side pages.
- May - Submission of the working project with complete report.

4. Behavioural Feasibility:

People are inherently resistant to change and computer has been known to facilitate Changes. An estimate should be made of how strong the user is likely to move towards the development of computerized system. These are various levels of user to ensure proper authentication and authorization and security of sensitive data of the organisation.

The system working is quite easy to use and learn due to its simple but attractive interface. User requires no special training for operating the system.

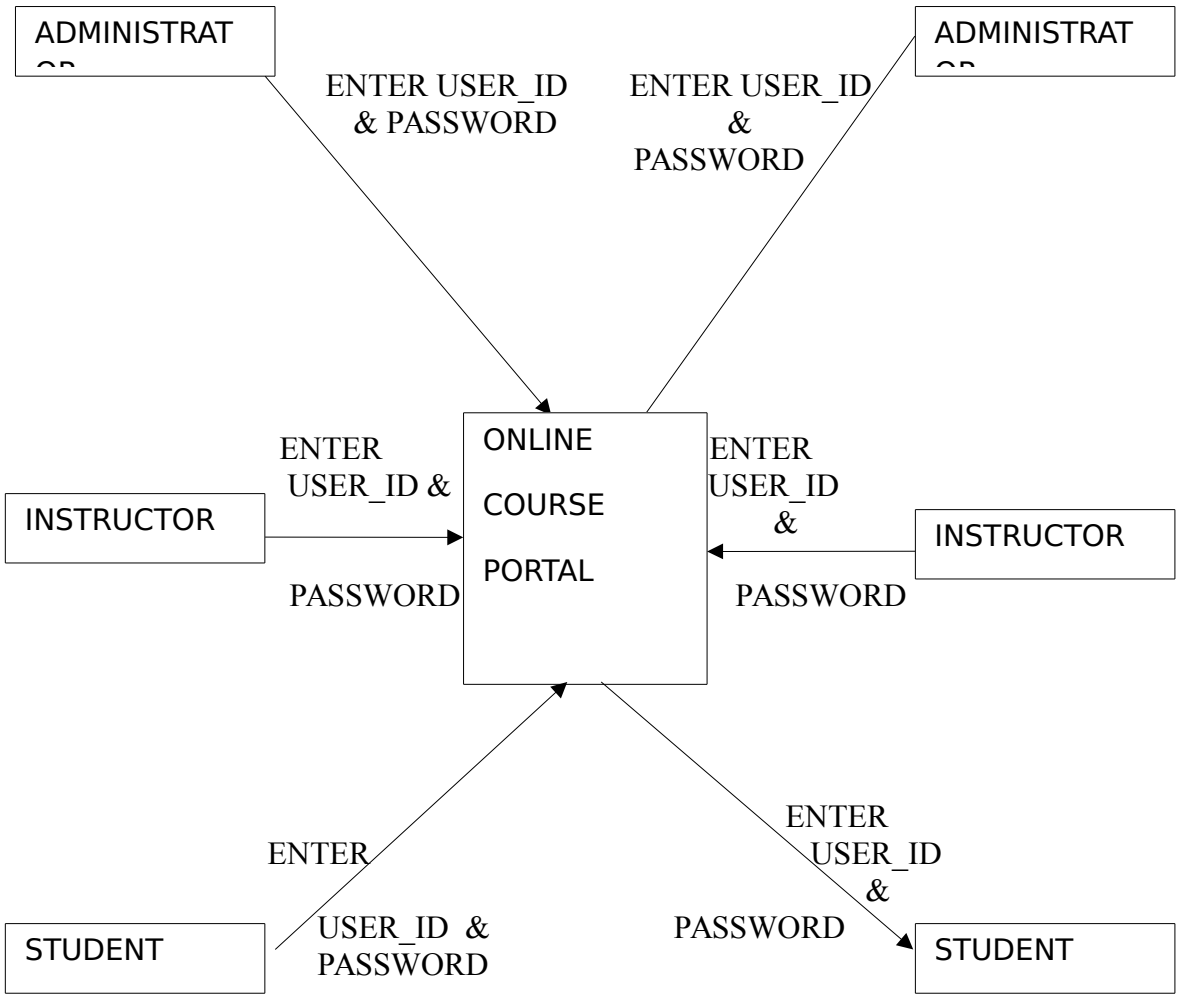
5. Economically Feasibility:

Economic analysis is most frequently used for evaluation of the effectiveness of the system. More commonly known as cost/benefit analysis the procedure is to determine the benefit and saving that are expected from a system and compare them with cost, decision is made to design and implement the system. This part of feasibility study gives the economic justification of the system.

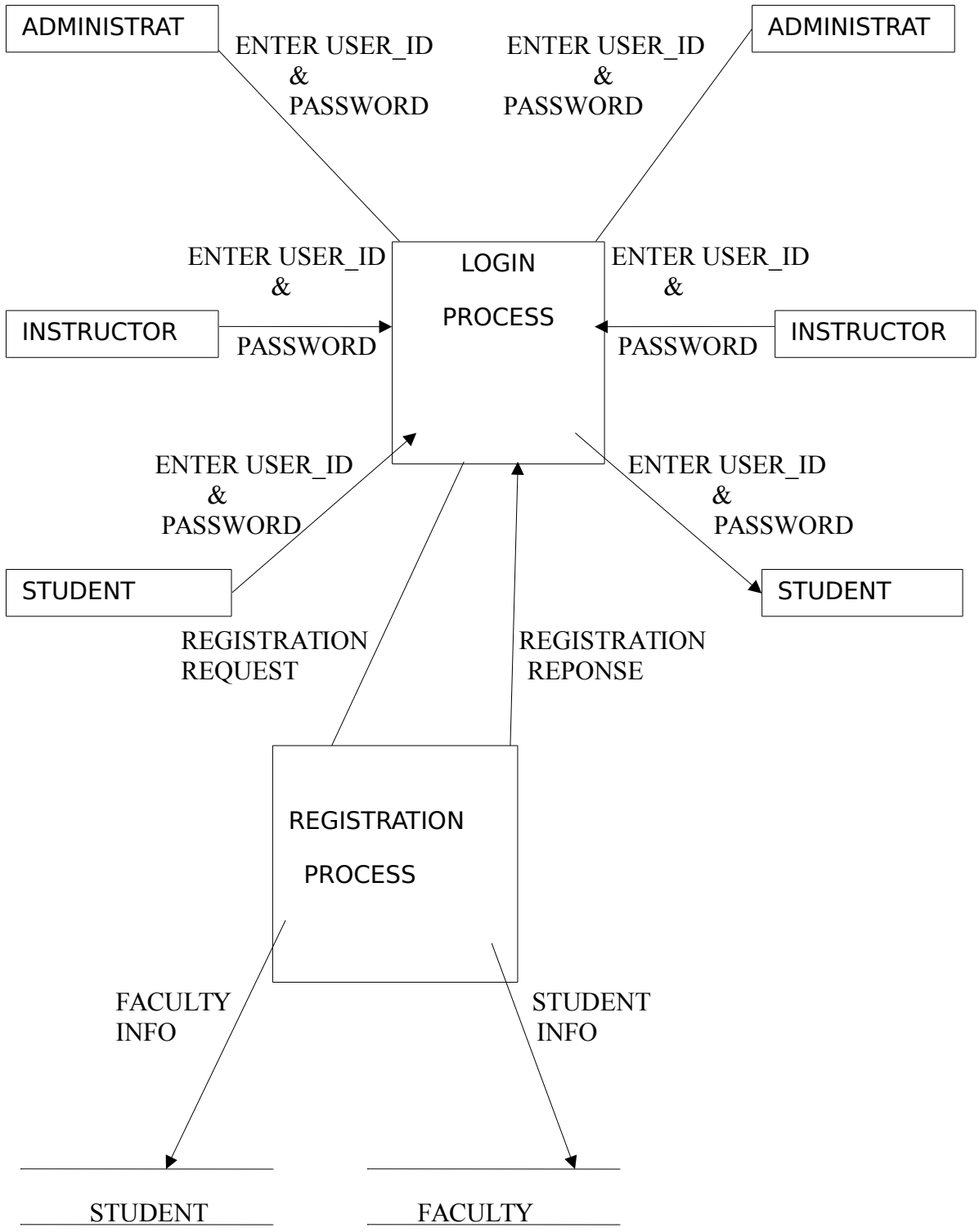
The system being developed is economic with respect to School or Collage's point of view. It is cost effective in the sense that has eliminated the paper work completely. The system is also time effective because the calculations are automated which are made at the end of the month or as per the user requirement. The result obtained contains minimum errors and are highly accurate as the data is required.

DATA FLOW DIAGRAM

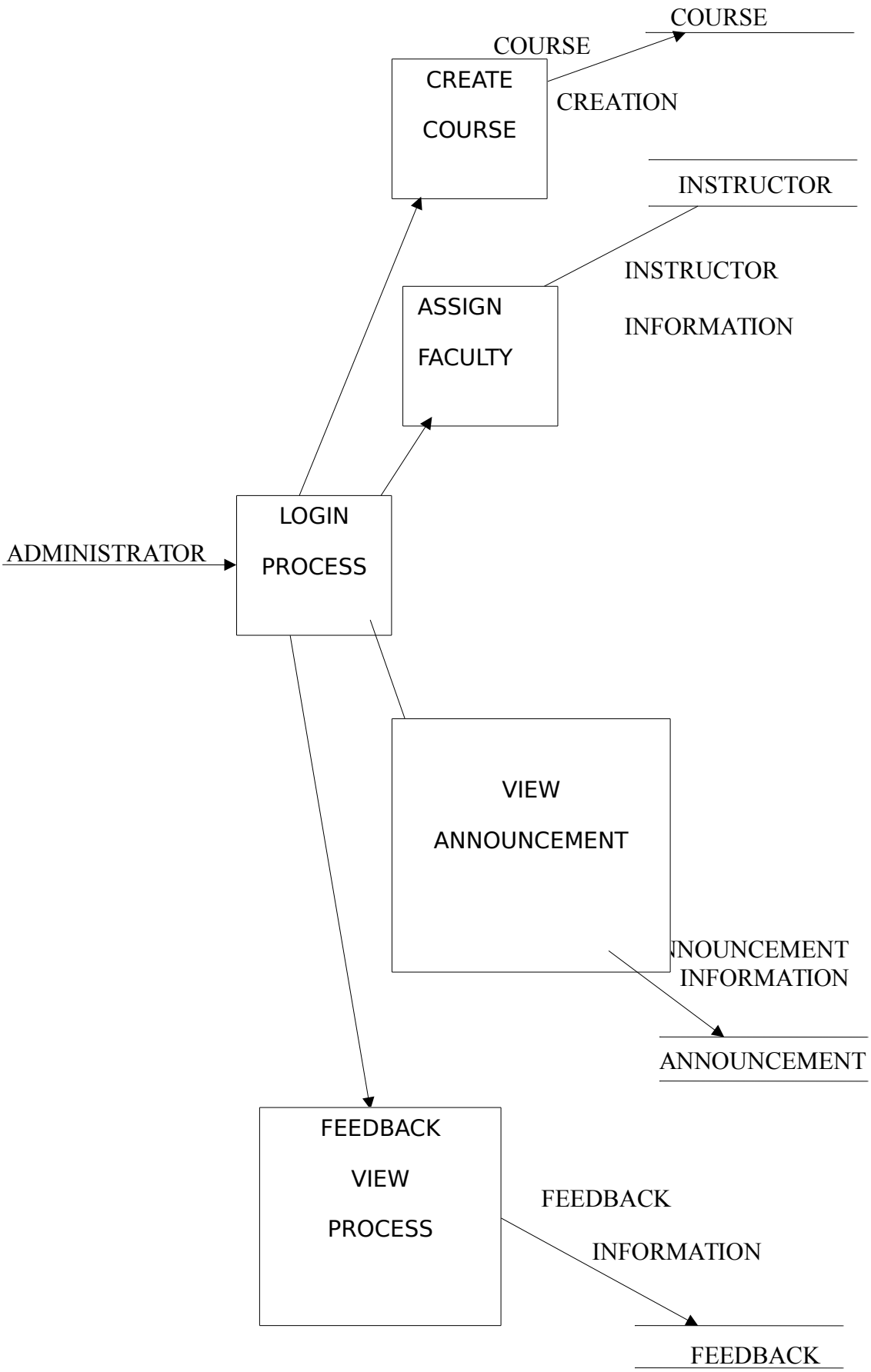
CONTEXT DIAGRAM:



LEVEL O DFD:



LEVEL 1 OF LOGIN PROCESS


COURSE
COURSE
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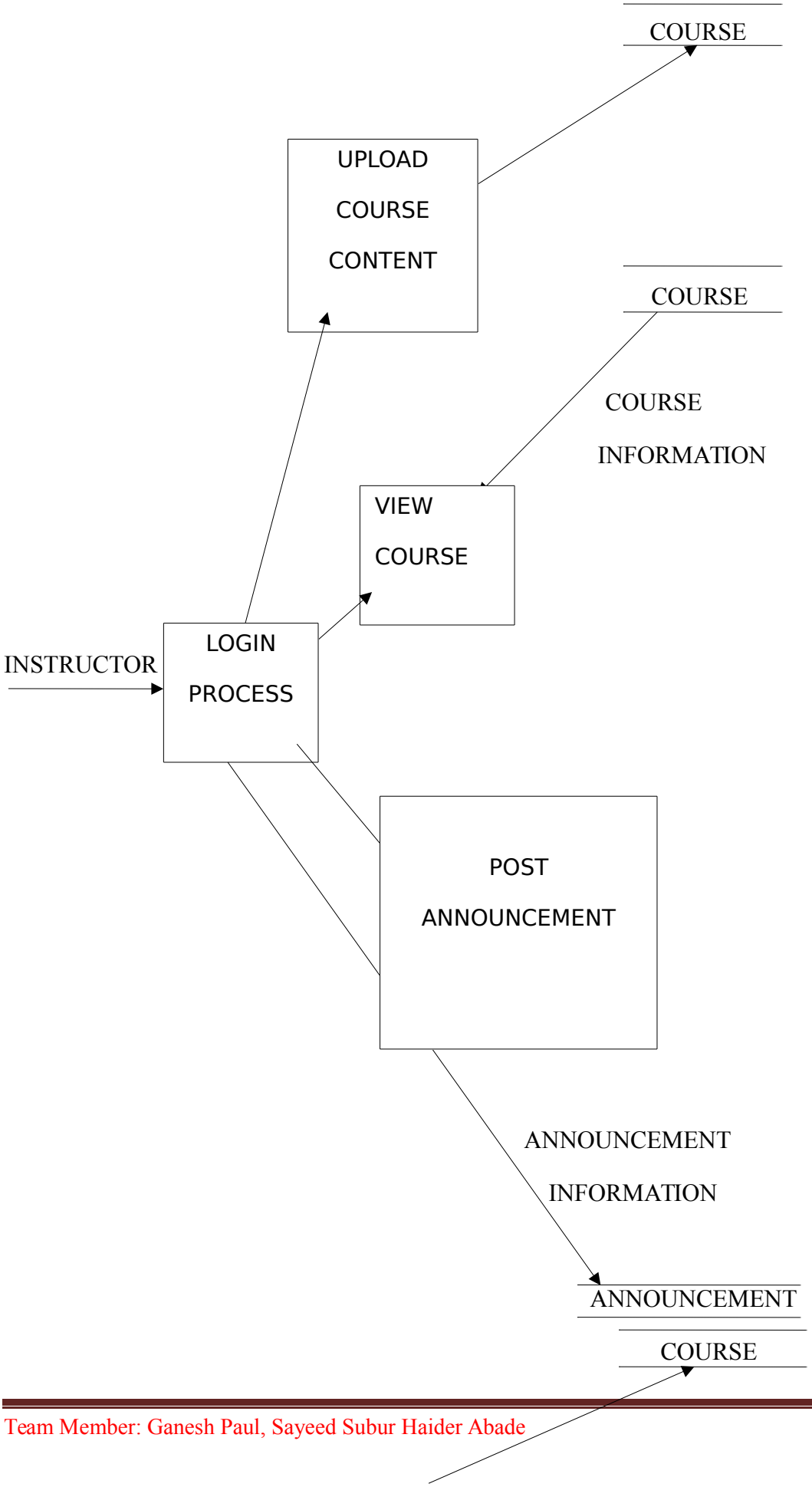
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CONTENT
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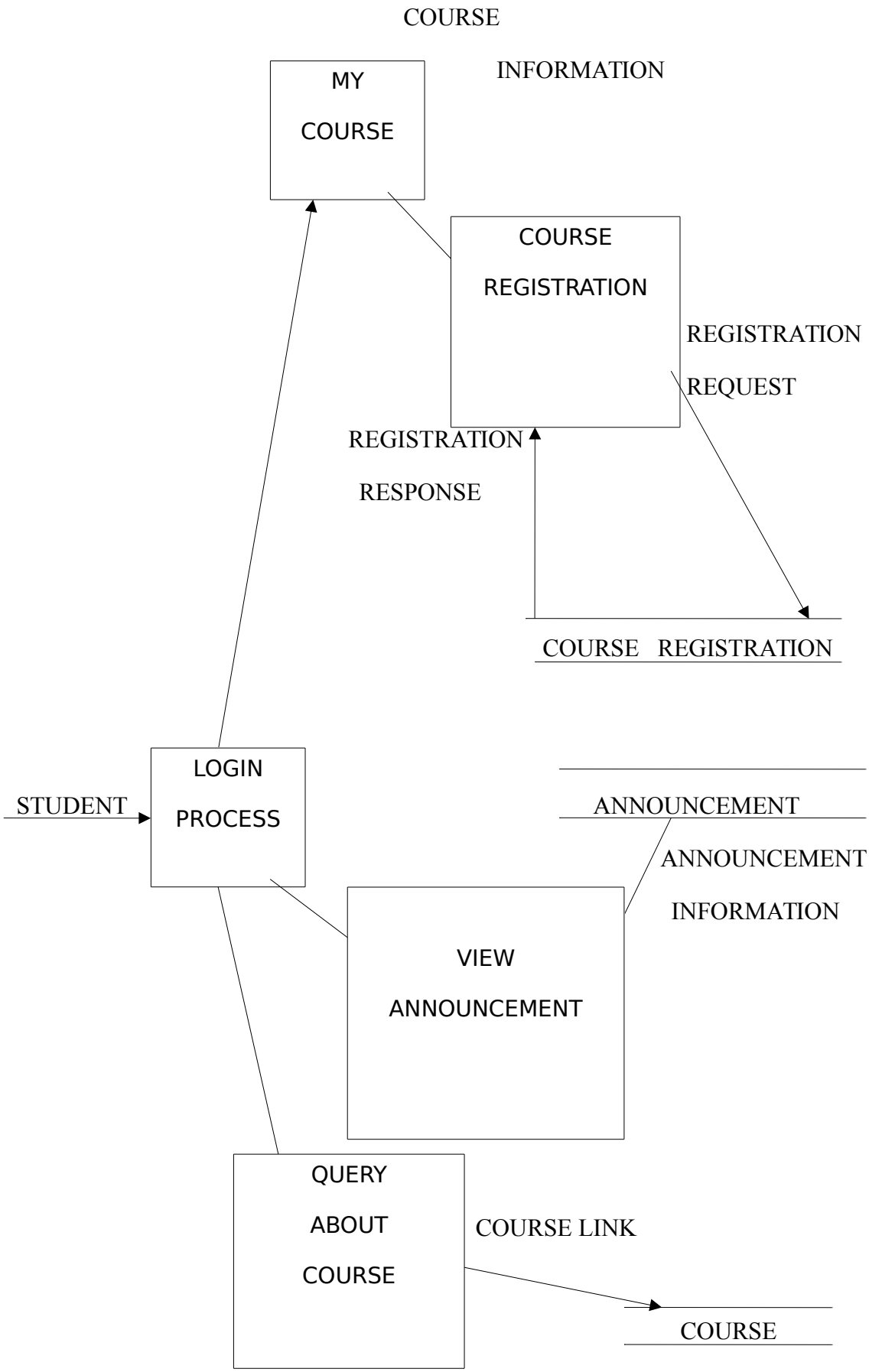
ANNOUNCEMENT
COURSE


COURSE
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COURSE
COURSE
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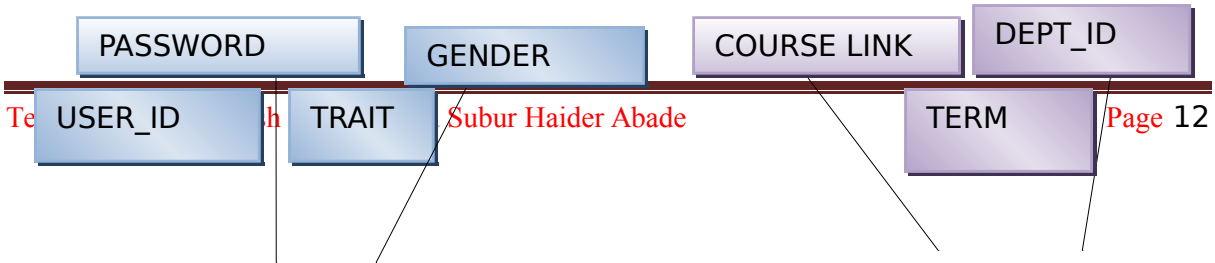
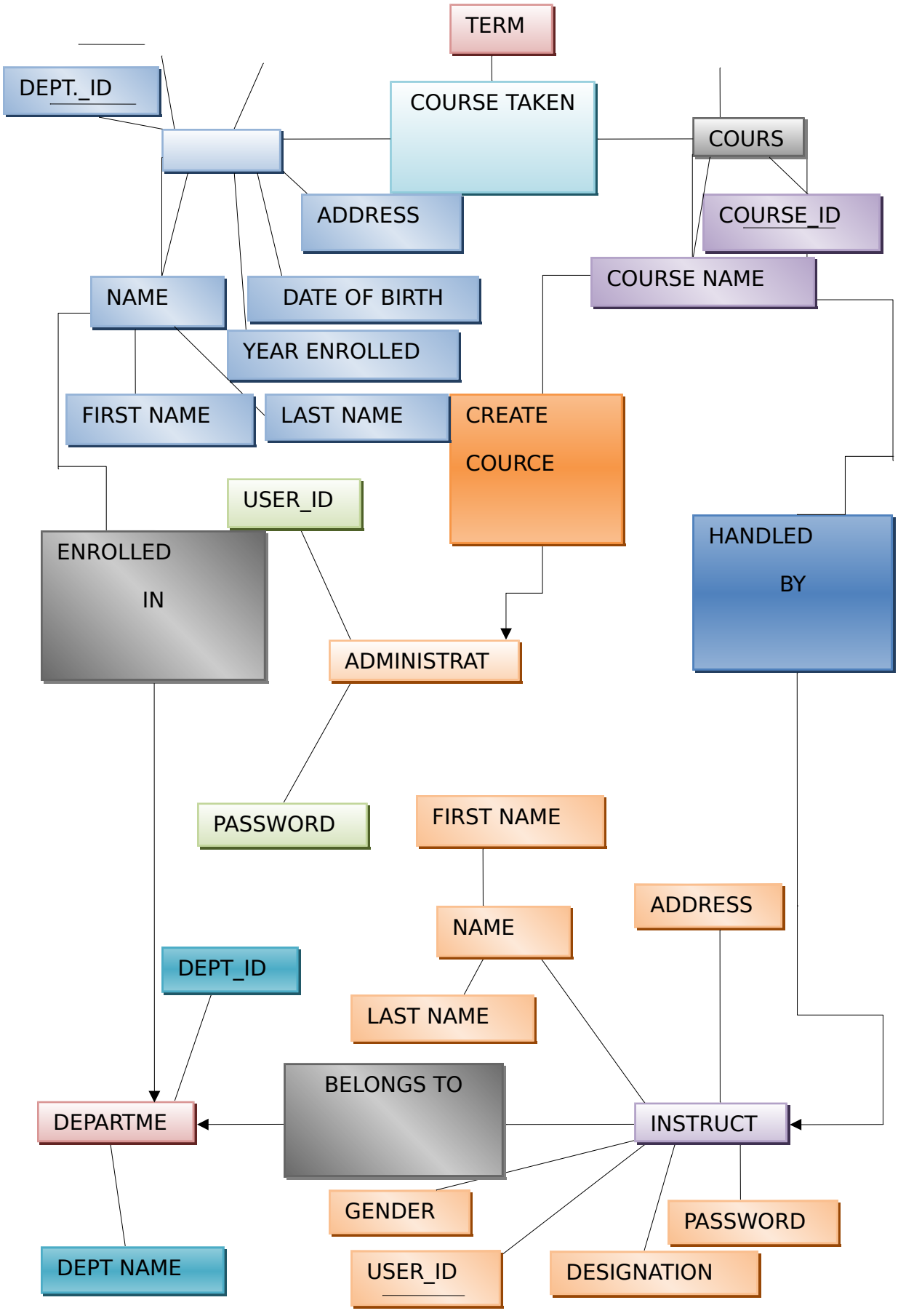
REGISTRATION
REQUEST
REGISTRATION
RESPONSE
COURSE REGISTRATION
LOGIN
PROCESS
STUDENT
ANNOUNCEMENT
ANNOUNCEMENT
INFORMATION
VIEW
ANNOUNCEMENT
QUERY
ABOUT
COURSE
COURSE LINK
COURSE

E-R DIAGRAM




TERM
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COURSE NAME
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DEPT_ID
LAST NAME
BELONGS TO
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INSTRUCT
GENDER
PASSWORD
DEPT NAME
USER_ID
DESIGNATION

DATABASE TABLE

ADMINISTRATOR TABLE:

SERIAL NO.	FIELD NAME	DATA TYPE	DESCRIPTION
1.	USER_ID	VARCHAR	Store user name
2.	PASSWORD	VARCHAR	Store user password

STUDENT TABLE:

SERIAL NO.	FIELD NAME	DATA TYPE	DESCRIPTION
1.	USER_ID	VARCHAR	Store student profile name
2.	PASSWORD	VARCHAR	Store student password
3.	NAME	VARCHAR	Store student name
4.	GENDER	VARCHAR	Store student gender
5.	DATE OF BIRTH	DATE	Store student date of birth
6.	ADDRESS	VARCHAR	Store address of the student
7.	TRAIT	VARCHAR	Store the trait of the student
8.	DEPT._ID	VARCHAR	Store department id of the student
9.	YEAR_ENROLLED	VARCHAR	Store the year in which the student was enrolled

COURSE TABLE:

SERIAL NO.	FIELD NAME	DATA TYPE	DESCRIPTION
1.	COURSE_ID	VARCHAR	Store the course identification
2.	COURSE NAME	VARCHAR	Store the course name
3.	DEPT_ID	VARCHAR	Store the department identification
4.	TERM	VARCHAR	Store the duration of the course
5	COURSE LINK	VARCHAR	Store the link to the course

INSTRUCTOR TABLE:

SERIAL NO.	FIELD NAME	DATA TYPE	DESCRIPTION
1.	USER_ID	VARCHAR	Store the user identification of the instructor
2.	PASSWORD	VARCHAR	Store the password of the instructor
3.	NAME	VARCHAR	Store the name of the instructor
4.	GENDER	VARCHAR	Store the gender of the instructor
5.	ADDRESS	VARCHAR	Store the address of the instructor
6.	DESIGNATION	VARCAHR	Store the designation of the instructor

DEPARTMENT TABLE:

SERIAL NO.	FIELD NAME	DATA TYPE	DESCRIPTION
1.	DEPT_ID	VARCHAR	Store the department identification
2.	DEPT_NAME	VARCHAR	Store the department name

CONCLUSION

REFERENCES

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3. Database System Concepts by Henry F. Korth
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