

# **E-LEARNING MANAGEMENT SYSTEM**

A case study report submitted to

**DEPARTMENT OF COMPUTER SCIENCE**

in partial fulfillment of the requirements for the award of the degree

**MASTER OF COMPUTER APPLICATIONS**

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**DEPARTMENT OF COMPUTER SCIENCE**

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**TIRUCHIRAPPALLI - 620 002**

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# 1. INTRODUCTION

## 1.1 About the project

The project is entitled as “**E-LEARNING MANAGEMENT SYSTEM**”. It is an online learning application. In this project administrator is the educator who teaches the course via meet to the registered user. The administrator can able to view the details of the registered students and their payment details.

When signing up administrator are asked about some of their personal details, title of the course they going to teach and other details of the course.

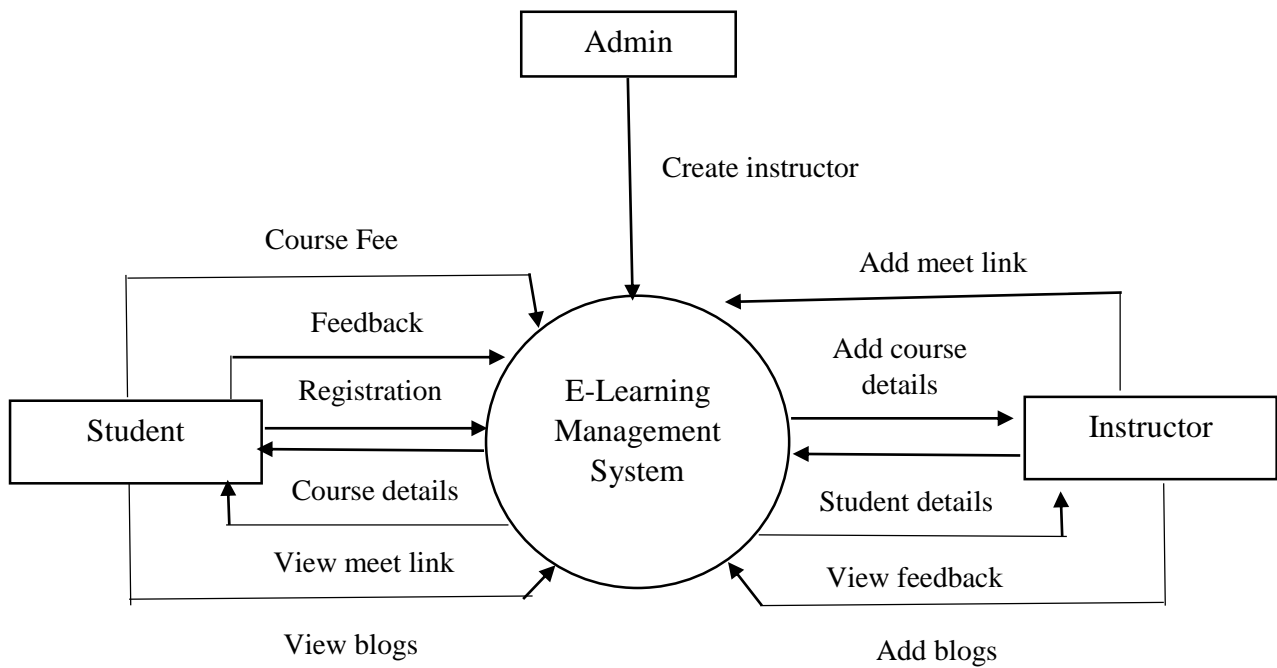
In this application the students when entering need to sign up as well giving details about them. When they need to join any course, the respective course should be selected and payment should be made. After the payment they can get immediate access to the course they signed up for.

In this busy world where people are eager to learn but lacking time, this application will be greatly useful as learners can learn wherever and whenever they want.

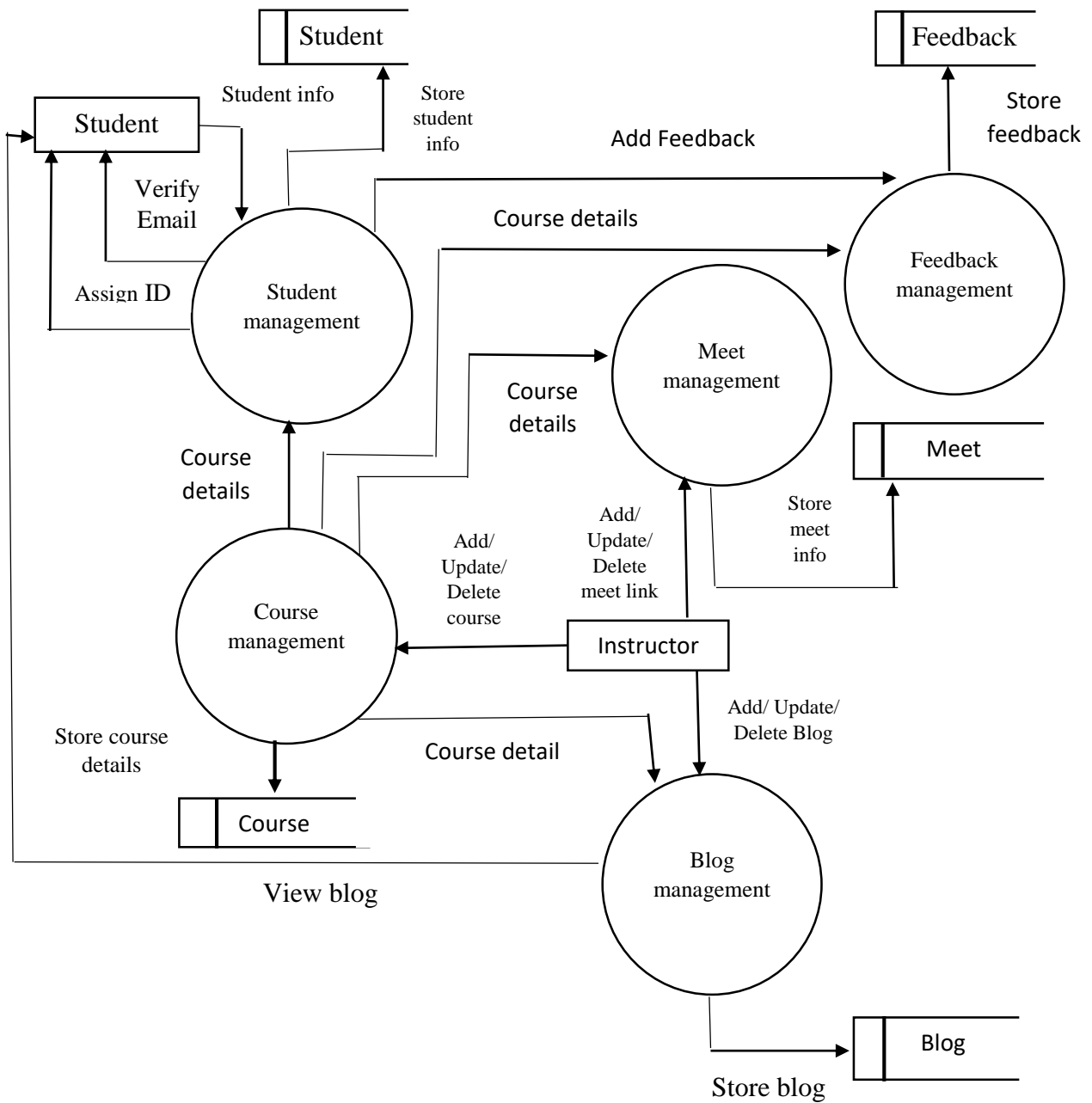
It not only save time for learners but also the entire application is user friendly so it is also beneficial to the educator who can get the same benefit as of the learners.

## 2. DATA FLOW DIAGRAM

### 2.1 Level – 0

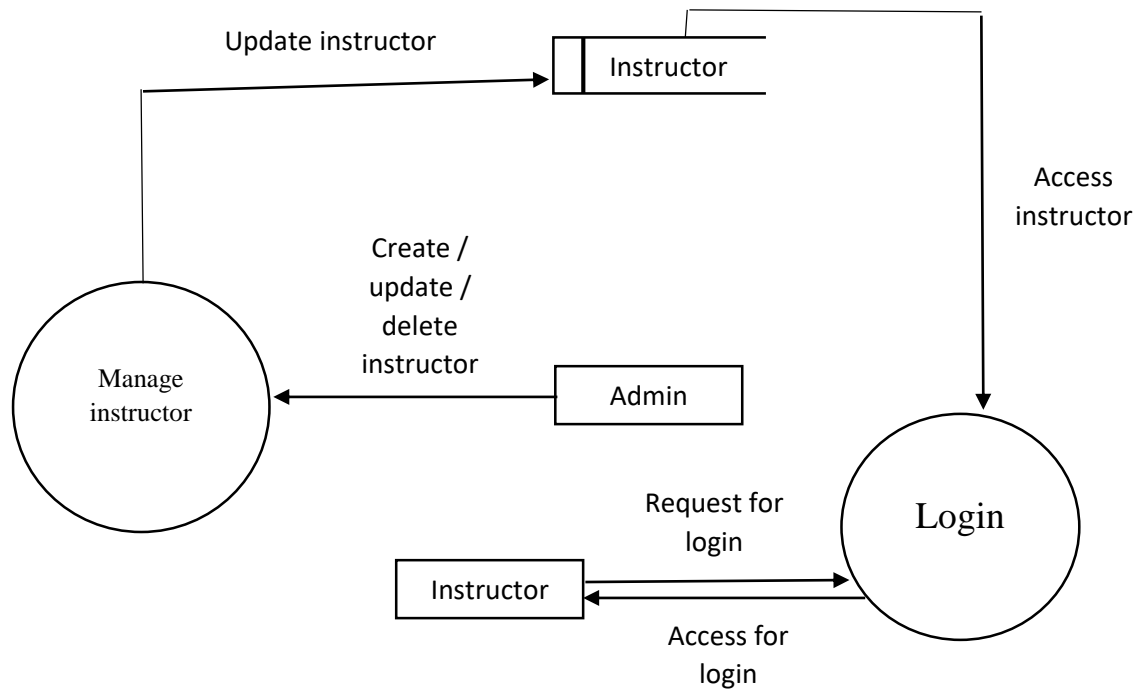


## 2.2 Level – 1

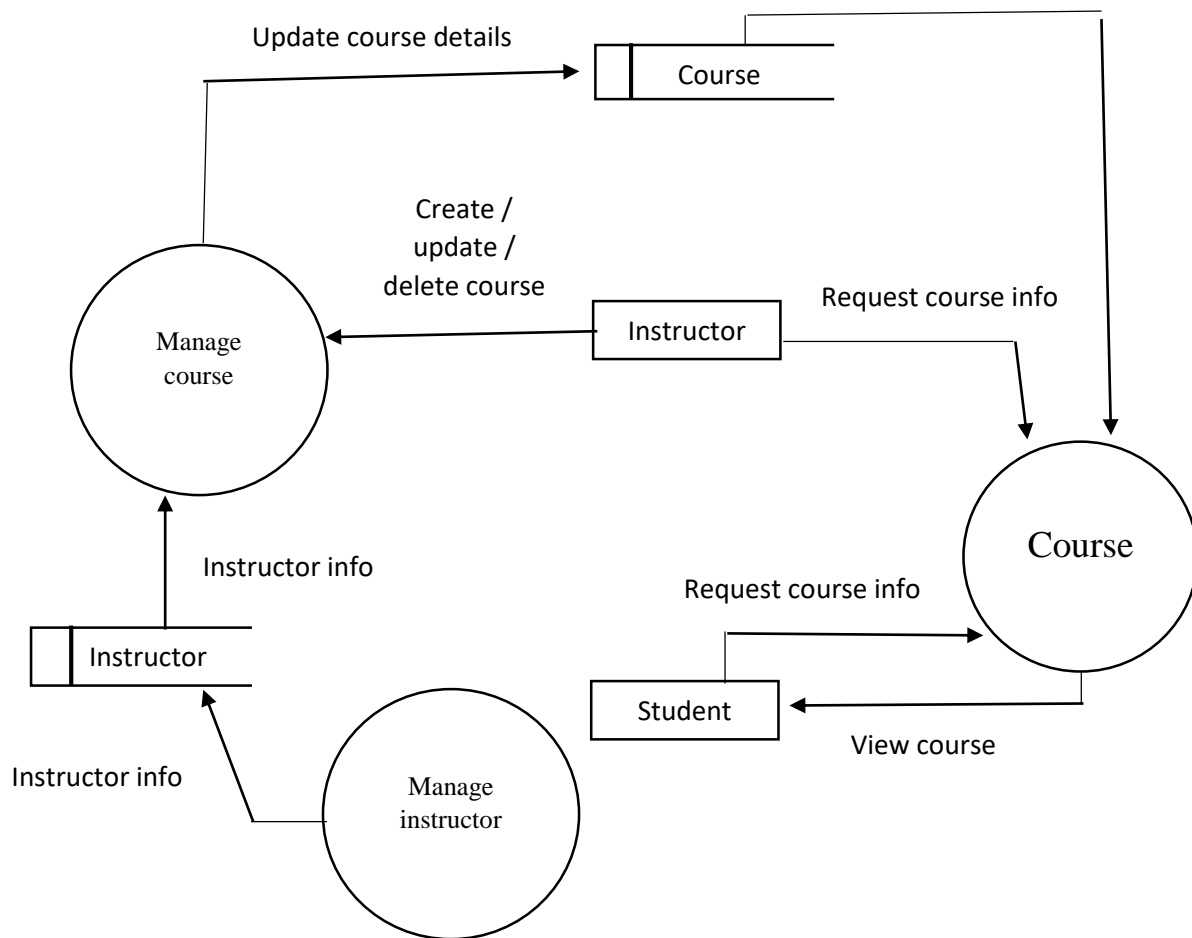


## 2.3 Level – 2

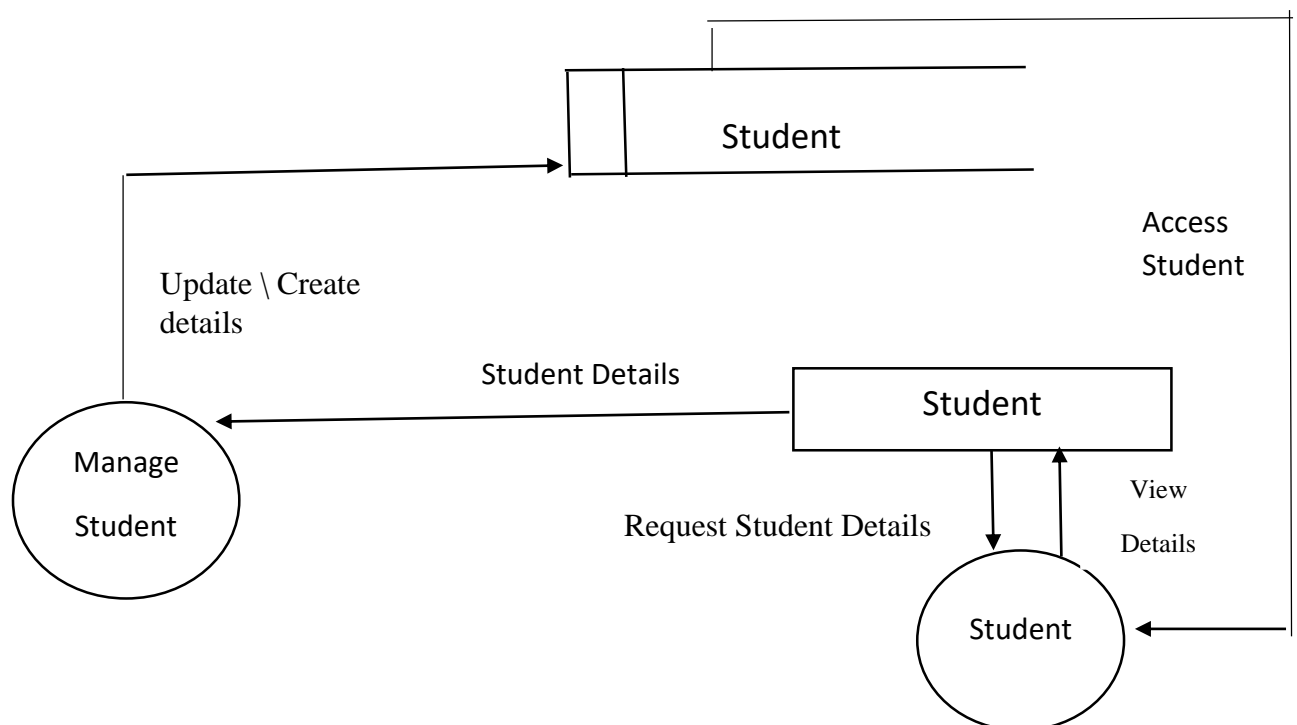
### Instructor management:



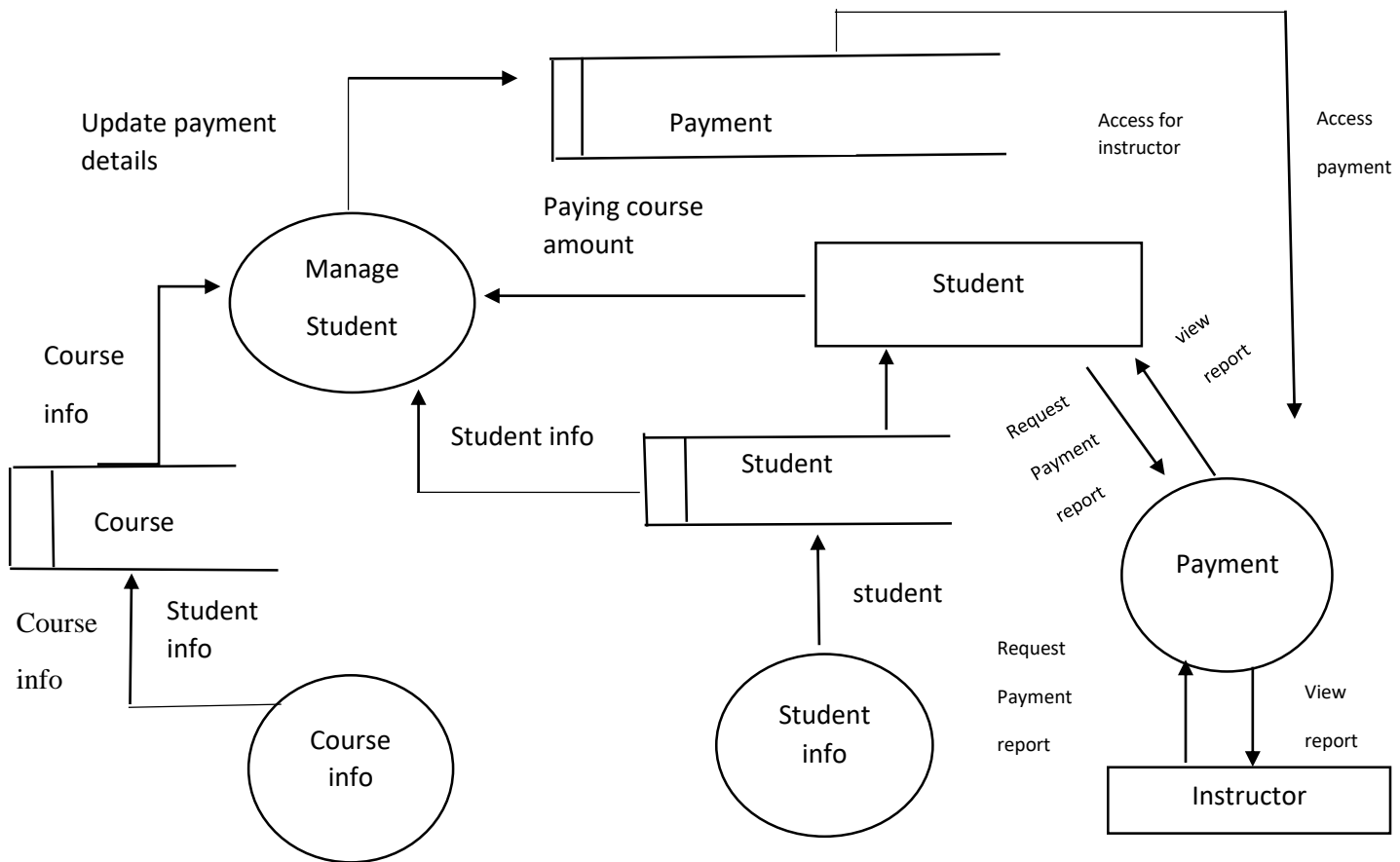
## Course management:



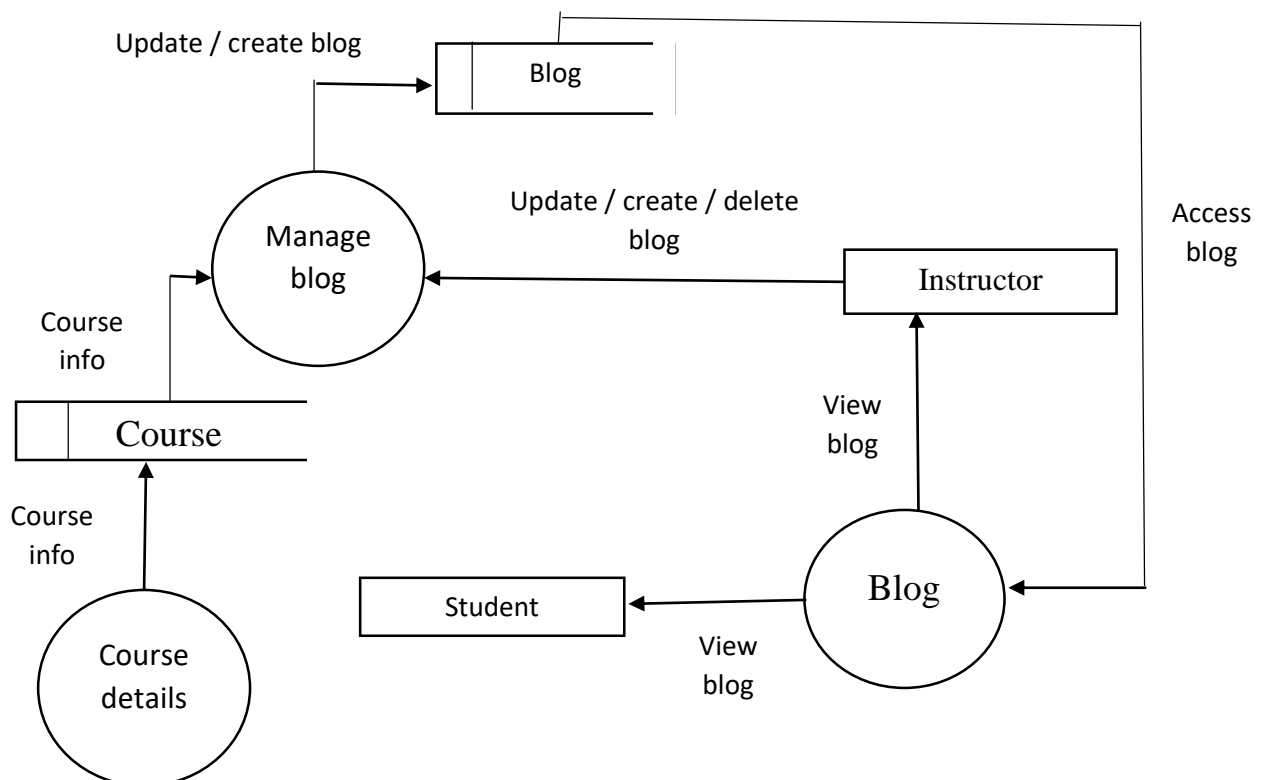
## Student management:



## Payment management:



## Blog management:





### 3. UI DESIGN

#### Login Page:

**Login Page**  
  

<b>Email</b>	<input type="text"/>
<b>Password</b>	<input type="password"/>

Login Button

#### Signup Page:

**Signup Page**  
  


<b>Username</b>	<input type="text"/>
<b>Email</b>	<input type="text"/>
<b>Password</b>	<input type="password"/>
<b>Confirm password</b>	<input type="password"/>

Signup Button

### 3.1 Instructor

Instructor dashboard:

		 Username
Dashboard		Profile
Blog		Logout
Feedback		
Payment Details		
Student Details		
	This will display in all the pages	

Generate Google meet Link:

Class tittle	<input type="text"/>	
Class Timing	<input type="text" value="Start time"/>	<input type="text" value="End time"/>
Meet link	<input type="text"/>	
	<input type="button" value="ADD"/>	

### Add Blog:

Blog Title	<input type="text"/>
Image	<input type="text"/>
Blog	<input type="text"/>
<input type="button" value="Submit button"/>	
<div>Preview the blog before pressing submit button</div>	

### View Blog:

Image	Blog details
<input type="button" value="View More"/>	

### View Feedbacks:

Class Title, Date, Time

Name of the student/user

Feedback

Name of the student/user

Feedback

### View User Payment details:

Search using User name/user Id

S no	Payment	Amount	S_id	
				View More Button
				View More Button

### View User/Students details:

Search using User name/user Id

S_id	Name	Mail	Phone	

## 3.2 STUDENT

### Student dashboard:

Username

Dashboard

Blog

Google Meet

Profile

Logout

This will display in all the pages

## View Blog:



## 4. ER DIAGRAM

### 4.1 Collection

**Instructor** (for storing instructor details)

S no	Field Name	Key	Data Type	Constraints
1	Id	Primary key	String	NOT NULL
2	Name		String	NOT NULL
3	Email		String	NOT NULL
4	Password		String	NOT NULL
5	Phone		String	NULL
6	Instructor_detail		String	NOT NULL

**Course\_Details** (for storing class details)

S no	Field Name	Key	Data Type	Constraints
1	CId	Primary key	String	NOT NULL
2	Instructor_ID	Candidate key	String	NOT NULL
3	Class_Detail		String	NOT NULL
4	Class_Amount		Number	NOT NULL

**Blog** (for storing blog details)

S no	Field Name	Key	Data Type	Constraints
1	B_Id	Primary key	String	
2	Name		String	NOT NULL
3	Image		String	NOT NULL
4	Description		String	NOT NULL
5	Cid	Candidate key	String	NOT NULL

**Meet** (for storing meting details)

S no	Field Name	Key	Data Type	Constraints
1	M_id	Primary key	String	NOT NULL
2	Title		String	NOT NULL
3	Start_time		Time	NOT NULL
4	End_time		Time	NOT NULL
5	Link		String	NOT NULL
6	Date		Date	NULL
7	Class_ID	Candidate key	String	NOT NULL



**Student** (for storing student details)

S no	Field Name	Key	Data Type	Constraints
1	S_id	Primary key	String	NOT NULL
2	Name		String	NOT NULL
3	Phone		String	NULL
4	Email	Primary key	String	NOT NULL
5	Password		String	NOT NULL
6	Address		String	NULL
6	Cid	Candidate key	String	NOT NULL
7	P_id	Candidate key	String	NOT NULL

**Feedback** (for storing student feedbacks)

S no	Field Name	Key	Data Type	Constraints
1	F_id	Primary key	String	NOT NULL
2	C_id	Candidate key	String	NOT NULL
3	M_id	Candidate key	String	NOT NULL
4	Feedback		String	NOT NULL

**Payment** (for storing student payment details)

S no	Field Name	Key	Data Type	Constraints
1	P_id	Primary key	String	NOT NULL
2	payment_intent		String	NOT NULL
3	Phone		String	NOT NULL
4	Currency		String	NULL
5	Date		Date	NOT NULL
6	S_ID	Candidate key	String	NOT NULL
7	CID	Candidate key	String	NOT NULL
8	payment_status		String	NOT NULL
9	amount_total		String	NOT NULL

## 4.2 Entity relationship diagram

