



# 1. Introduction

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## *1.1 Company Profile*

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**Company Name:** - Prakshal IT Academy

**Business Type:** - IT Development, Training and Academy

**Developed For:** - E-Education

**Address:** - Gulam Baba Mill Compound, B/H, Param Doctor House,

Near Railway Station, Lal Darwaja, Surat, Gujarat 395003

**Phone No:** - +91 97277 20806

**Email Id:** - [info@prakshal.com](mailto:info@prakshal.com)

**Website:** - <https://www.prakshal.com/>

### ☐ About

Established in the year of 2000, Prakshal is an ISO 9001:2015 certified firm that offers certified courses in the field of Information Technology that open exciting opportunities for people aspiring for a career in the IT industry.



## 2. Proposed System

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## *2.1 Scope*

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In general, students are taking lecture and also going to classes for notes. And still they might get good notes or may be not. They also have to pay twice just for the materials.

In the case of college students also they are facing so many problems for notes and materials. If there is any institute which is running any courses, they are also providing notes and materials. They are also taking daily, weekly or monthly exams.

So, that is very time consuming to take exam physically at one place and that is taking too much paper waste.

So, using this application, Students can get materials provided by faculties directly. They can get notification of every exams and any other events by mail. So that they would not face any problem. As well as, they can also study anywhere and anytime through this application.

During the exam, there will be no paper waste and Students can give exam from home or anywhere else in some circumstances. And also get immediate result. This result can help Admin to generate certificate of that student. Faculty's work load will be also reduce.

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## *2.2 Objective*

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- To provide material easily to students anytime, anywhere.
- Students can give exam online without physically presence at institute.
- Reduce work load of faculties.
- Easy to know the progress of all the students.
- Paper waste will be reduced.

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## 2.3 Constraints

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The constraints associated in the development of any software system includes those that are common to all system. The common constraints may include lack of managerial partition, tighter development schedule etc.

Some of the constraints are listed below with which we have developed this system. It requires

➤ H/W Constraints

- 4GB RAM
- 1TB HDD
- Intel Core i3

➤ S/W Constraints

- Windows 10
- Sublime Editor
- PhpMyAdmin
- Android Studio

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## *2.4 Advantages*

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- By using this, the amount of paperwork will be reduced.
- All the materials will be saved on the server. So, there will be no issue of server.
- All the Data's can be easily accessed by the organization.

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## *2.5 Limitations*

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- The chances of cheating during exam are increased.



### 3. Environment Specification

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### *3.1 Hardware and Software Requirements*

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➤ **Hardware Requirement: -**

Processor Speed	:	Intel Core I3 with 2.00 GHz
RAM	:	4.00 GB or Higher
Hard Disk	:	80GB or Higher

➤ **Software Requirement: -**

**Server-Side Software:**

Operating System	:	Windows 10
Language	:	PHP with Codeignitor
Technologies	:	HTML5, jQuery, AJAX, CSS3, Bootstrap
Database	:	PhpMyAdmin
Tools	:	Sublime Text, XAMPP

**Client-Side Software:**

Operating System	:	Android
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## 4. System Planning

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## 4.1 Feasibility Study

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Before starting the development of the system, one should give considerable amount of time for feasibility study because the successful completion of the project depends upon feasibility.

The feasibility of our project has been judged on the basis of time, technology, resources available and project length.

⇒ **Time: -**

This project takes at least 4 months to be completed if we take help of reuses components otherwise it will take 6 months to be completed.

We will not make use of components and therefore will be able to complete the project in 6 months. Thus, according to time feasibility is not that right.

⇒ **Technology: -**

The necessary technology, front-end development tool, back-end database technology and various other tools namely installation tools, etc. For developing the system, are already available within the organization. So, this problem is feasible.

⇒ **Resources: -**

We need good knowledge software engineers and practitioners. We need Net connections. We have all the resources in desired amount.

⇒ **Project Size: -**

The project size might be about 10000 LOC. This is just the rough assumption because we don't have any basis of the past projects.

Thus, the project overall feasibility is normal and therefore we have undertaken this project.

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## 4.2 Software Engineering Model

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- We followed Agile Development Model for our system so that we can add the functionality as the requirement comes.
- We were receiving the requirements and as per that developing the system till end.



**Fig. Agile Model**

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### *4.3 Risk Analysis*

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**Project risks can be identified by answering following questions,**

- What can go wrong?
- What is the likelihood?
- What will the damage be?
- What can we do about it?

**Following are the risk types:**

- Product size - risks associated with the overall size of the software to be built or modified.
- Business impact - risks associated with constraints imposed by management or the marketplace.
- Customer characteristics - risks associated with the sophistication of the customer and the developer's ability to communicate with the customer in a timely manner
- Process definition - risks associated with the degree to which the software process has been defined and is followed by the development organization.
- Development environment - risks associated with the availability and quality of the tools to be used to build the product.
- Technology to be built - risks associated with the complexity of the system to be built and the "newness" of the technology that is packaged by the system.

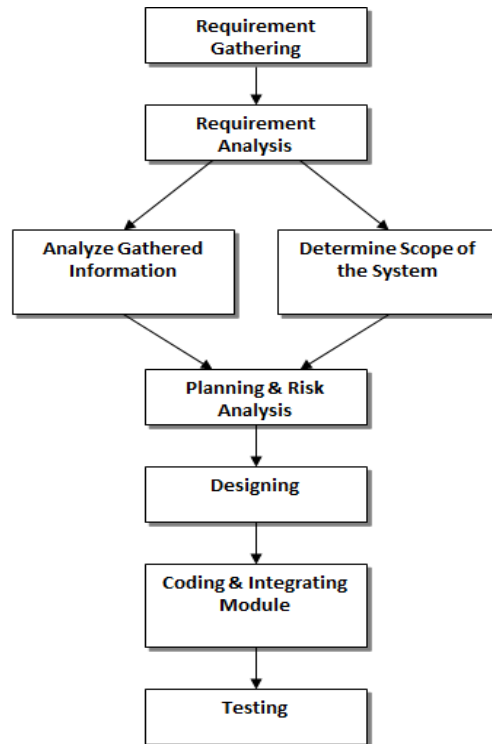
Staff size and experience - risks associated with the overall technical and project experience of the software engineers who will do the work

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## 4.4 Project Schedule

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### 4.4.1. Task Dependency





#### 4.4.2. Timeline Chart

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Task Name															
<b>1)Requirement Analysis</b>															
Collected requirement from our guide															
Analyse gathered information															
Determine different modules															
<b>2)Planning &amp; Risk Analysis</b>															
Analyse data for possible risk															
Identify technical risk															
Determine different modules															
<b>3) Designing</b>															
Design basic interface of the site															
Design database tables															
Design web form for modules															
<b>4)Coding and integrating modules</b>															
Implement logic for different modules															
Implement database connectivity															
Implement report															
integrate different modules															
<b>5)Testing</b>															
Validate input control and check accuracy of Reports															

#### 4.4.3. Project Table

Sr. No.	TABLE NAME
1.	Admin
2.	Category
3.	City
4.	Course
5.	Contact_Us
6.	Events
7.	Exam_Schedule
8.	Exam_Type
9.	Material
10	Notification
11	Questions
12	Results
13	State
14	Student_Notification
15	Syllabus
16	Users
17	Users_Course



## 5. System Analysis

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## 5.1 Detailed SRS

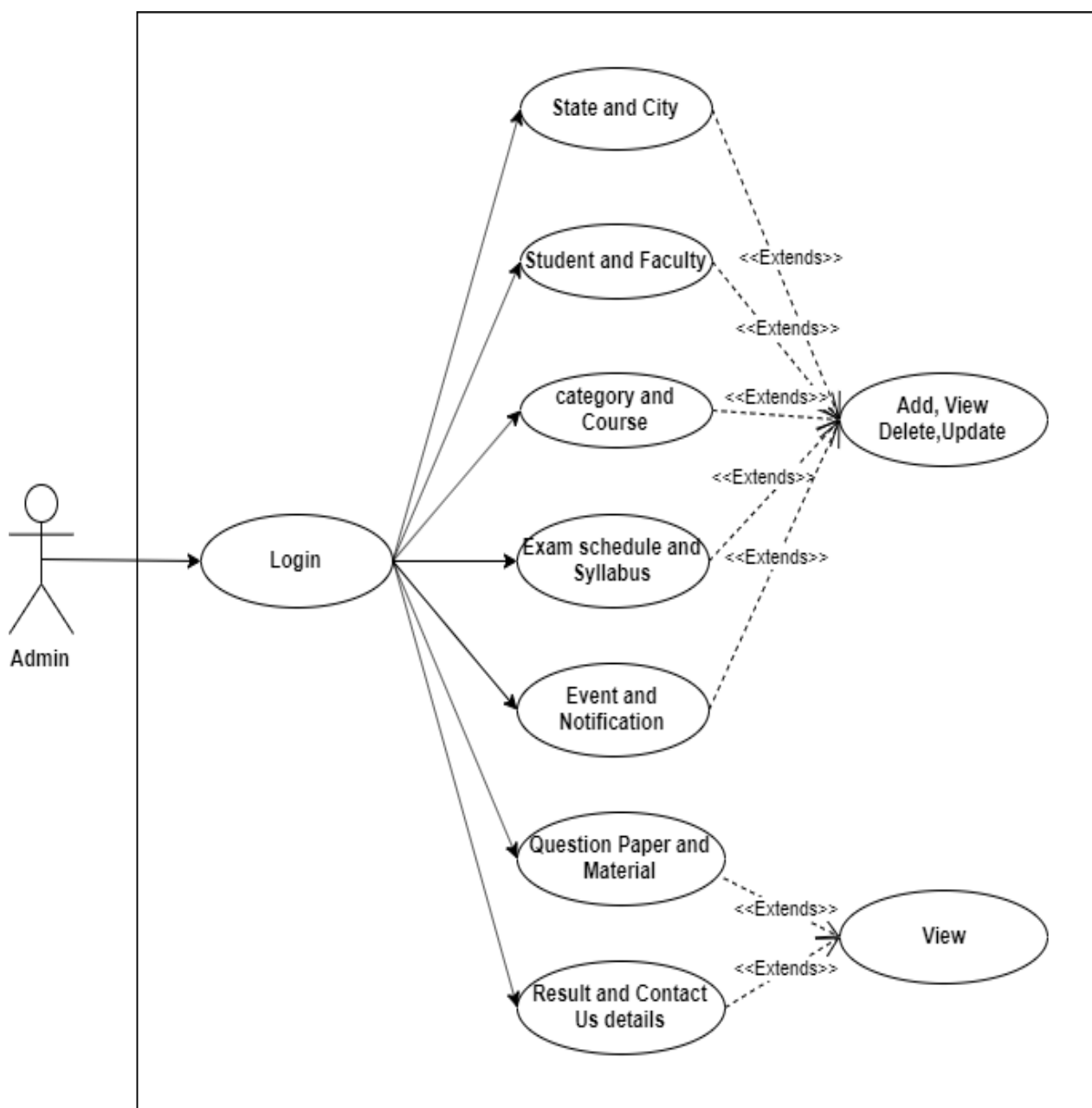
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- **Admin** can Login
- Add new students and teacher's details and send them their username and password by mail.
- Add, Update or Delete New City and State Details
- Add, Update or Delete New Category and Course Details
- Add, Update or Delete New Syllabus Of course Details and arrange exam schedule for courses.
- Add, Update and Delete New Events details.
- Add new Notification details and send them to students by mail.
- Can View all the questions of exam, all results and End user's contact comments.
  
- **Teacher** can login and update own profile as well as password
- Add, update and delete material and question papers for courses
- View courses details and their exam schedule.
  
- **Students** can login and update ow profile as well as password
- View course details as well as view and download materials of selected course.
- Give exam and get marks to see own progress
- View all events details.

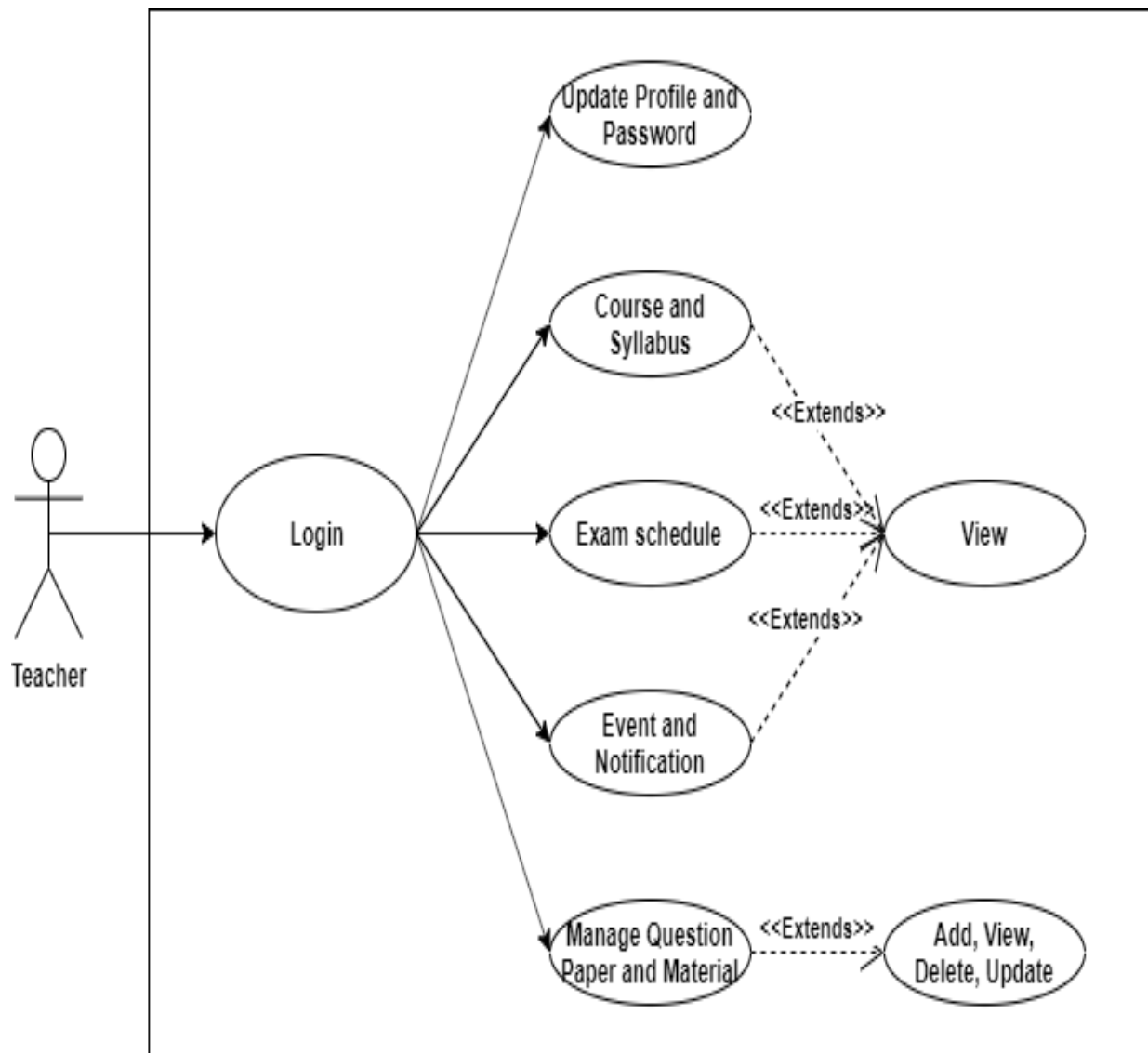
## 5.2 UML Diagrams

### 5.2.1 Use Case Diagrams

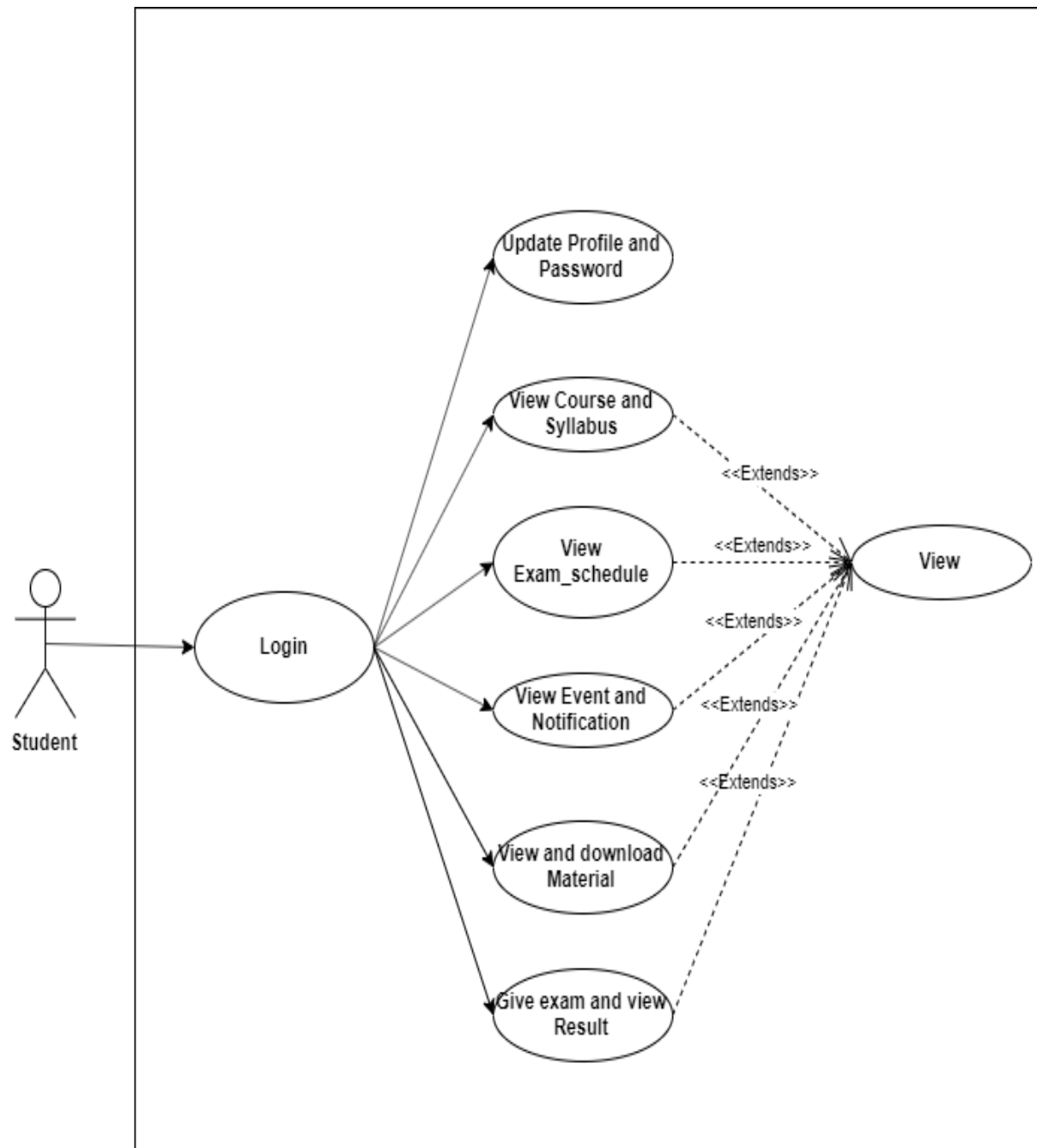
#### 1. Use Case for Admin



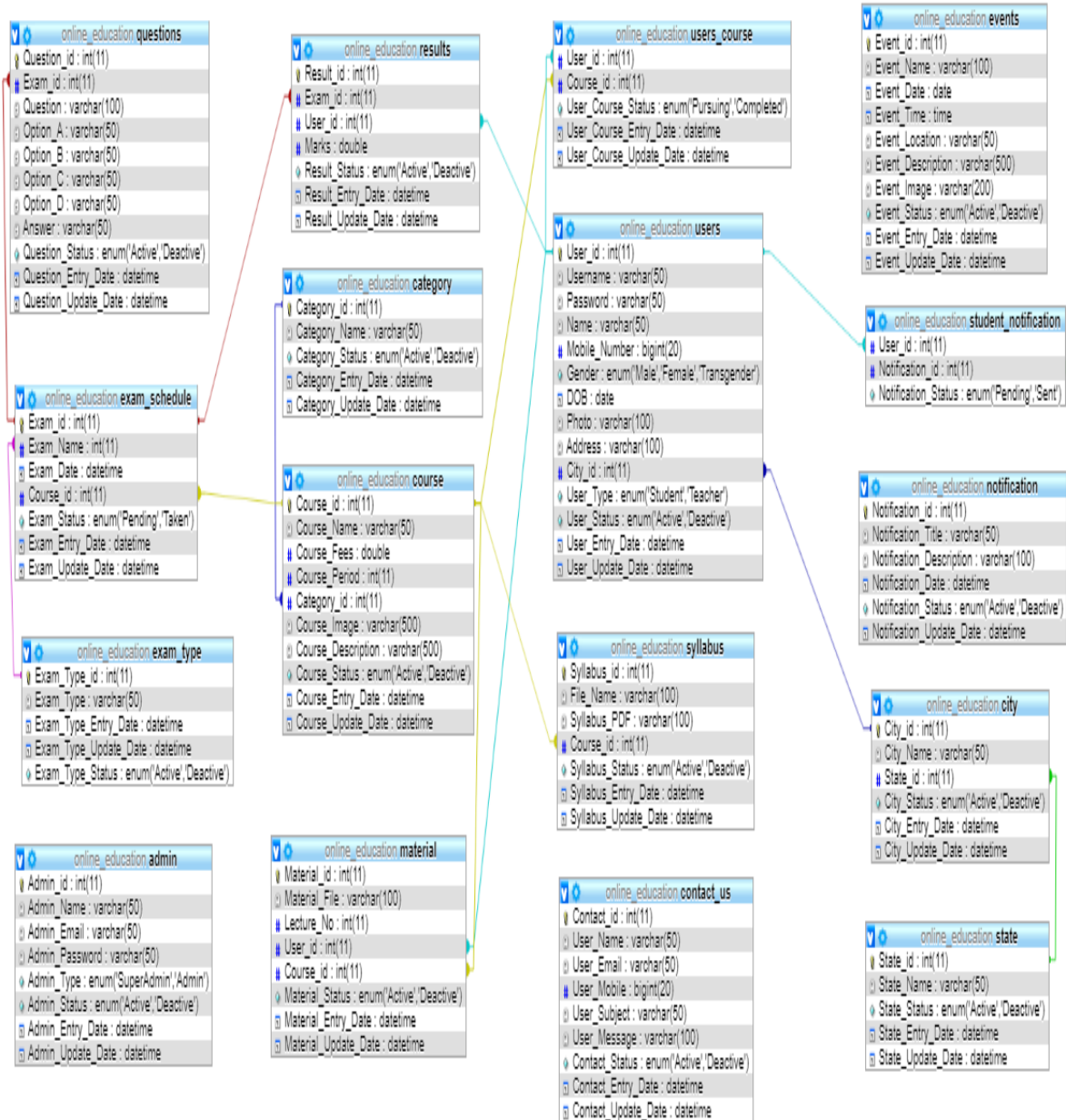
## 2. Use case for Teacher



### 3. Use case for Student



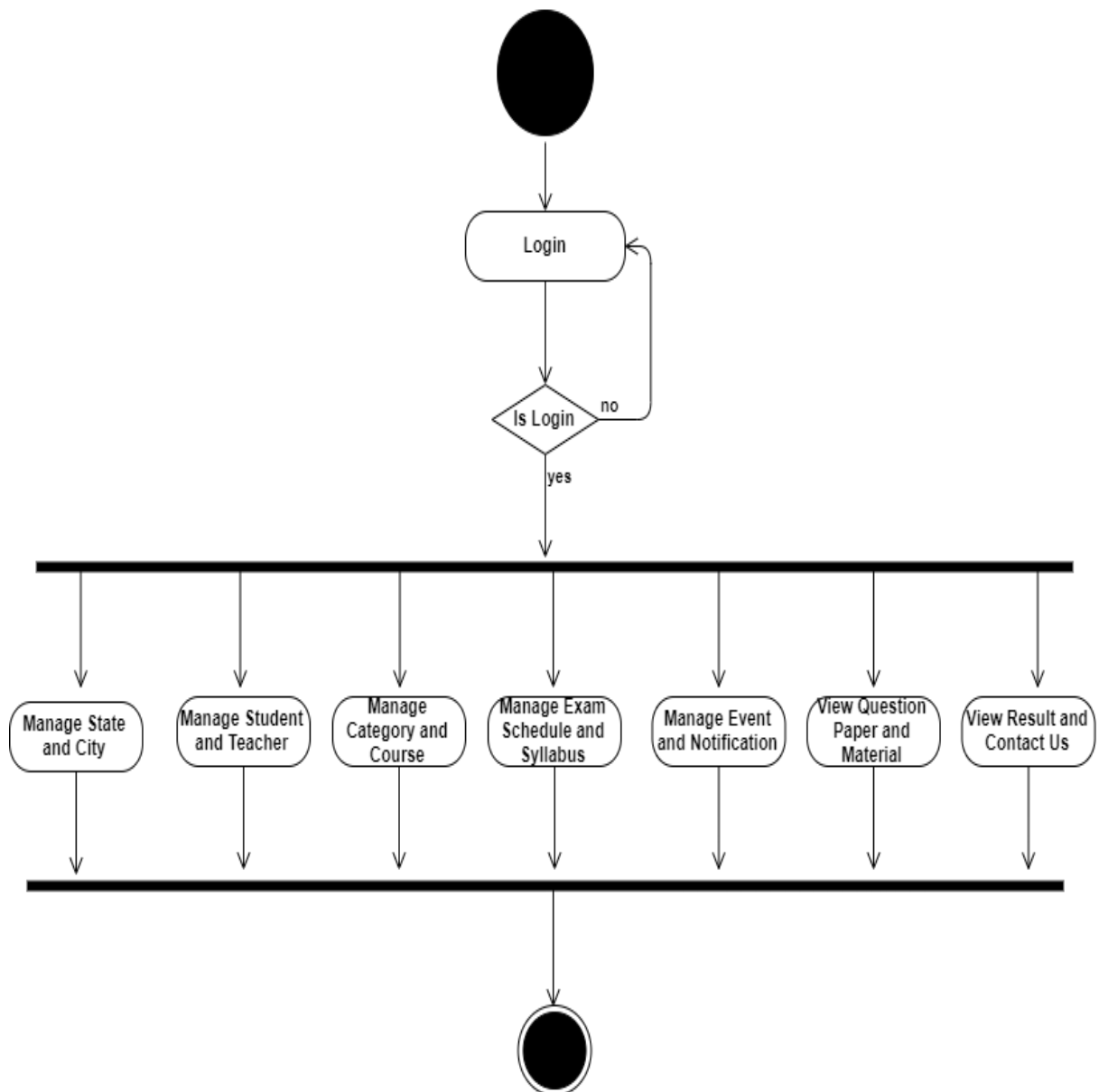
## 5.2.2 Class Diagrams



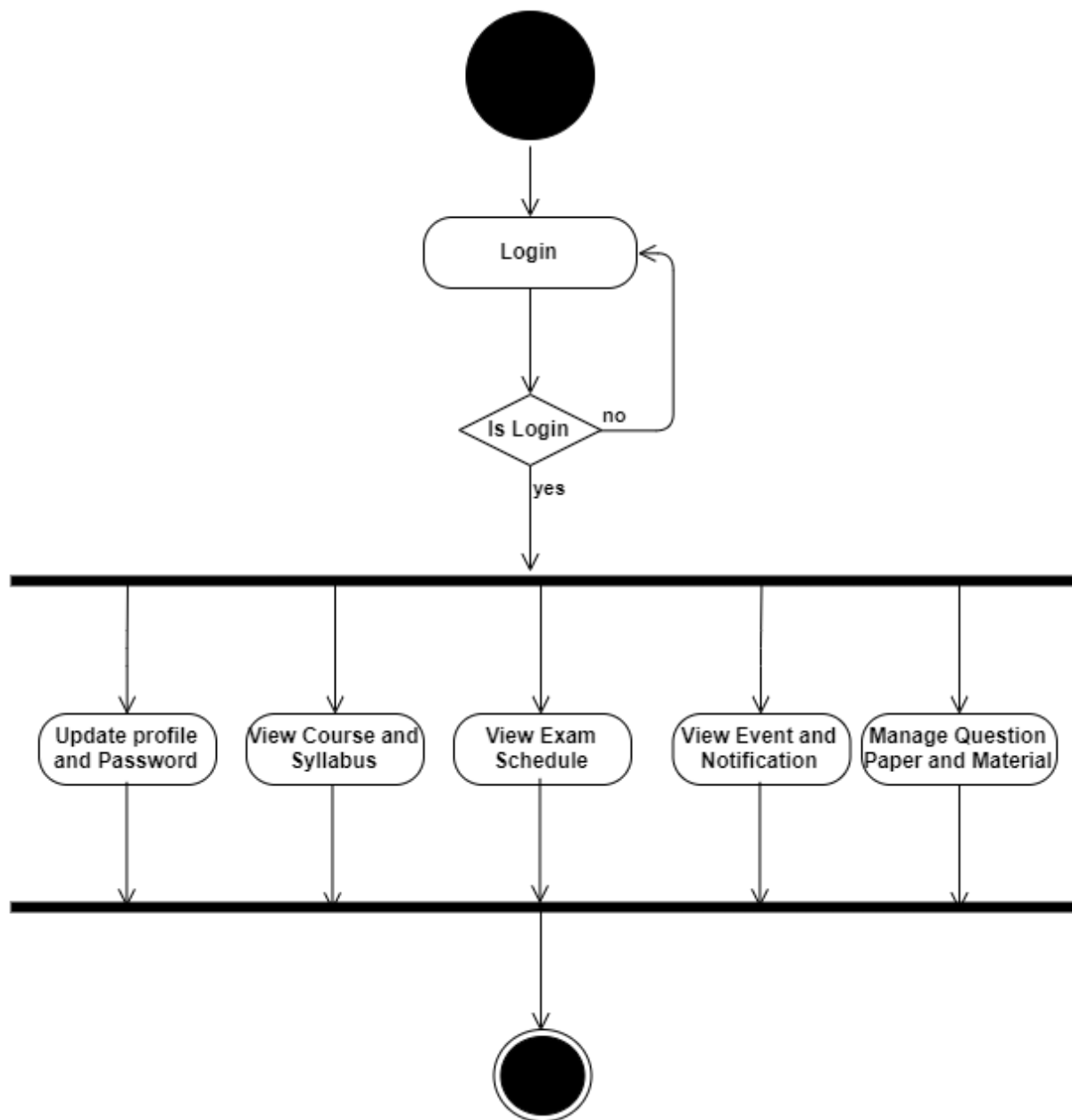


## 5.2.3 Activity Diagrams

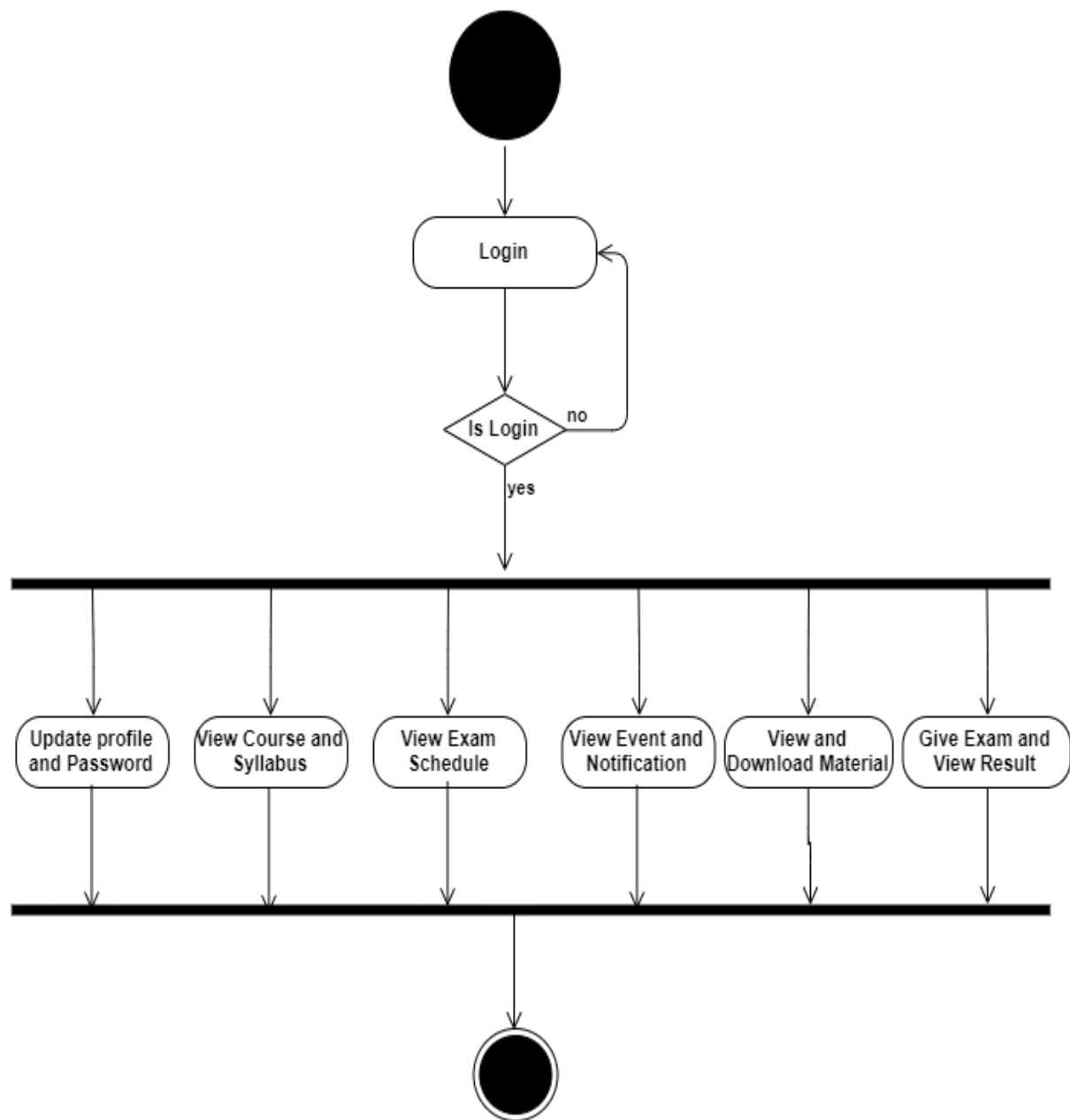
### 5.2.3.1 Activity Diagram for Admin



### 5.2.3.2 Activity Diagram for Teacher

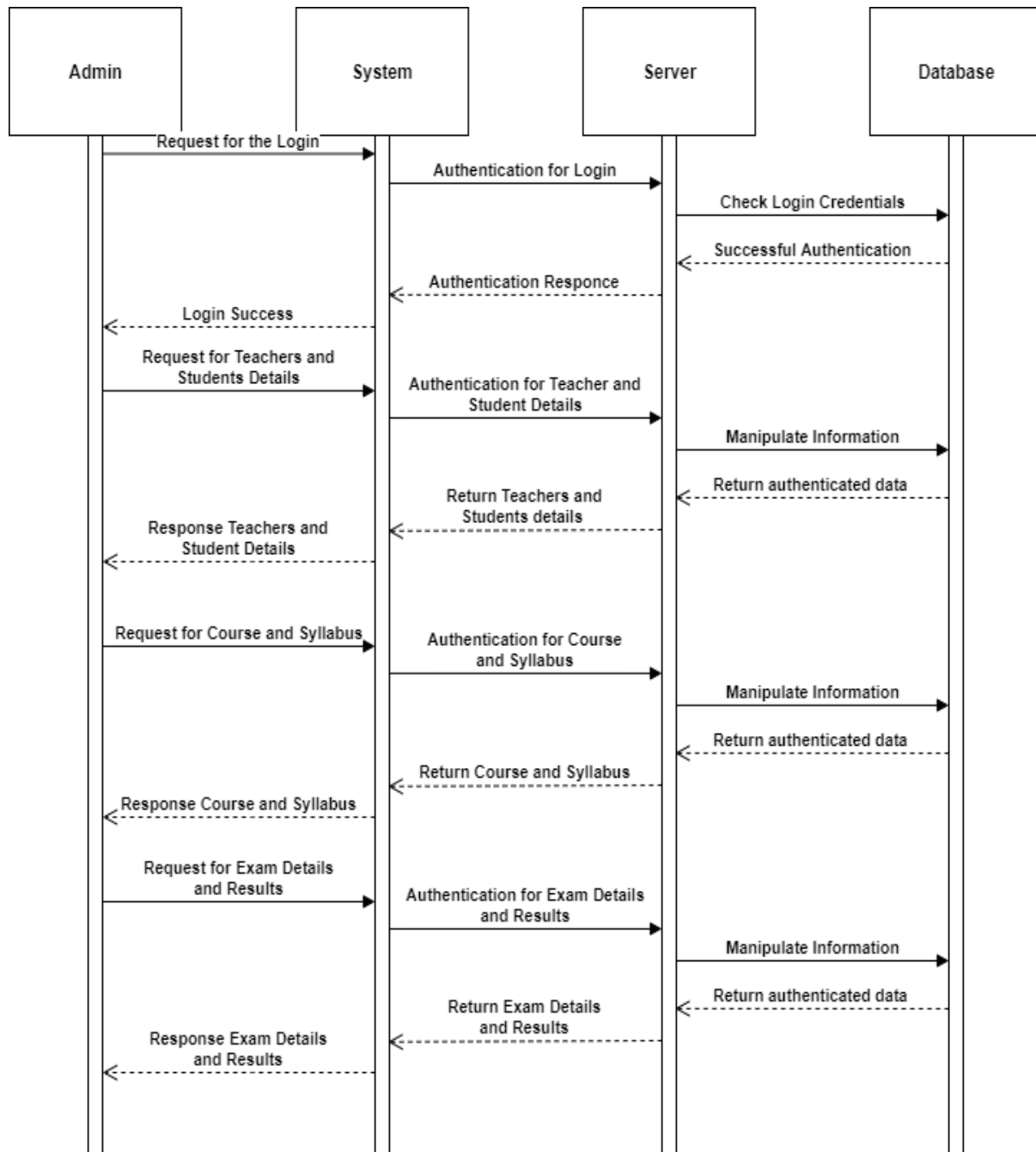


### 5.2.3.3 Activity Diagram for Student

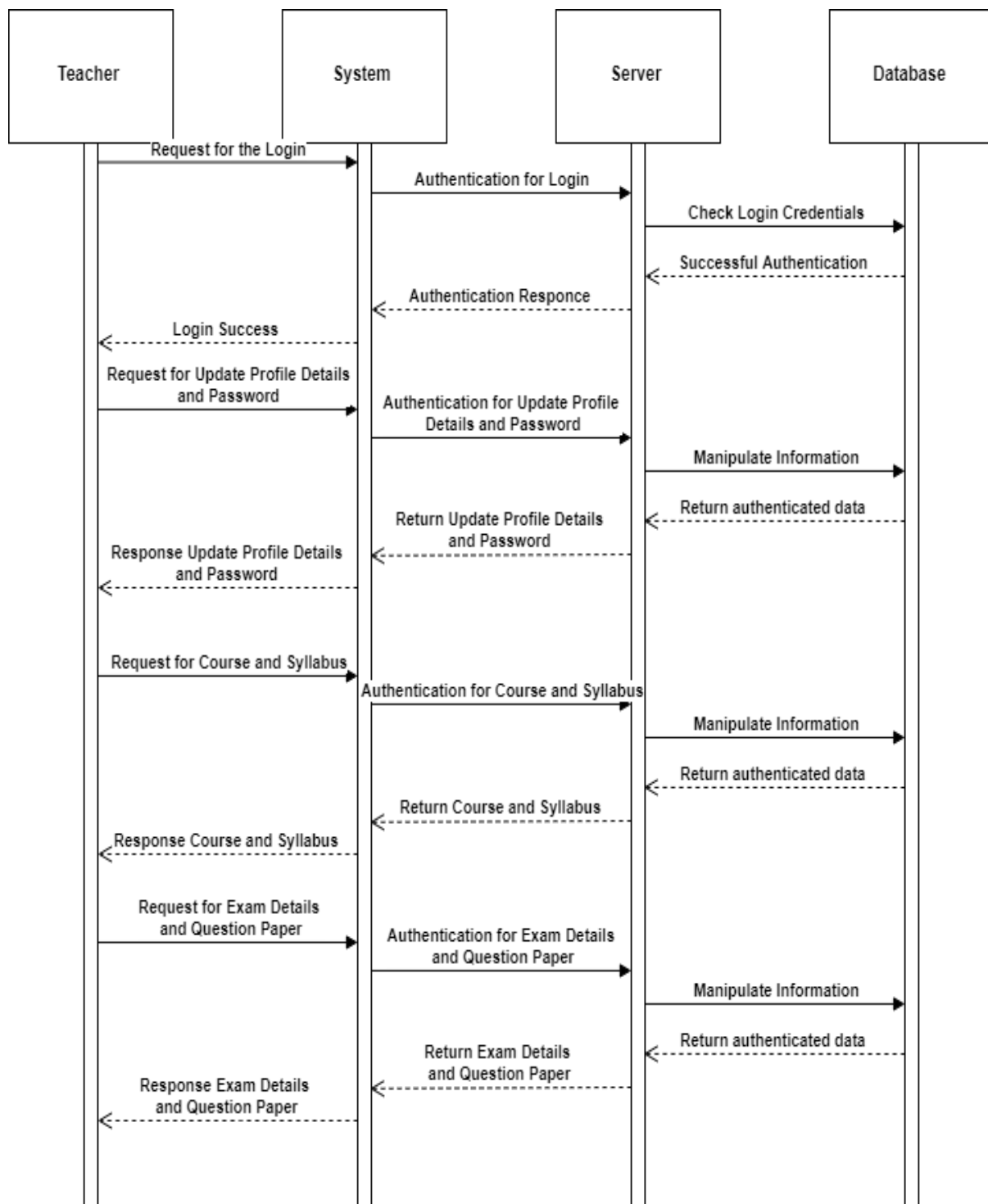


## 5.2.4 Sequence Diagrams

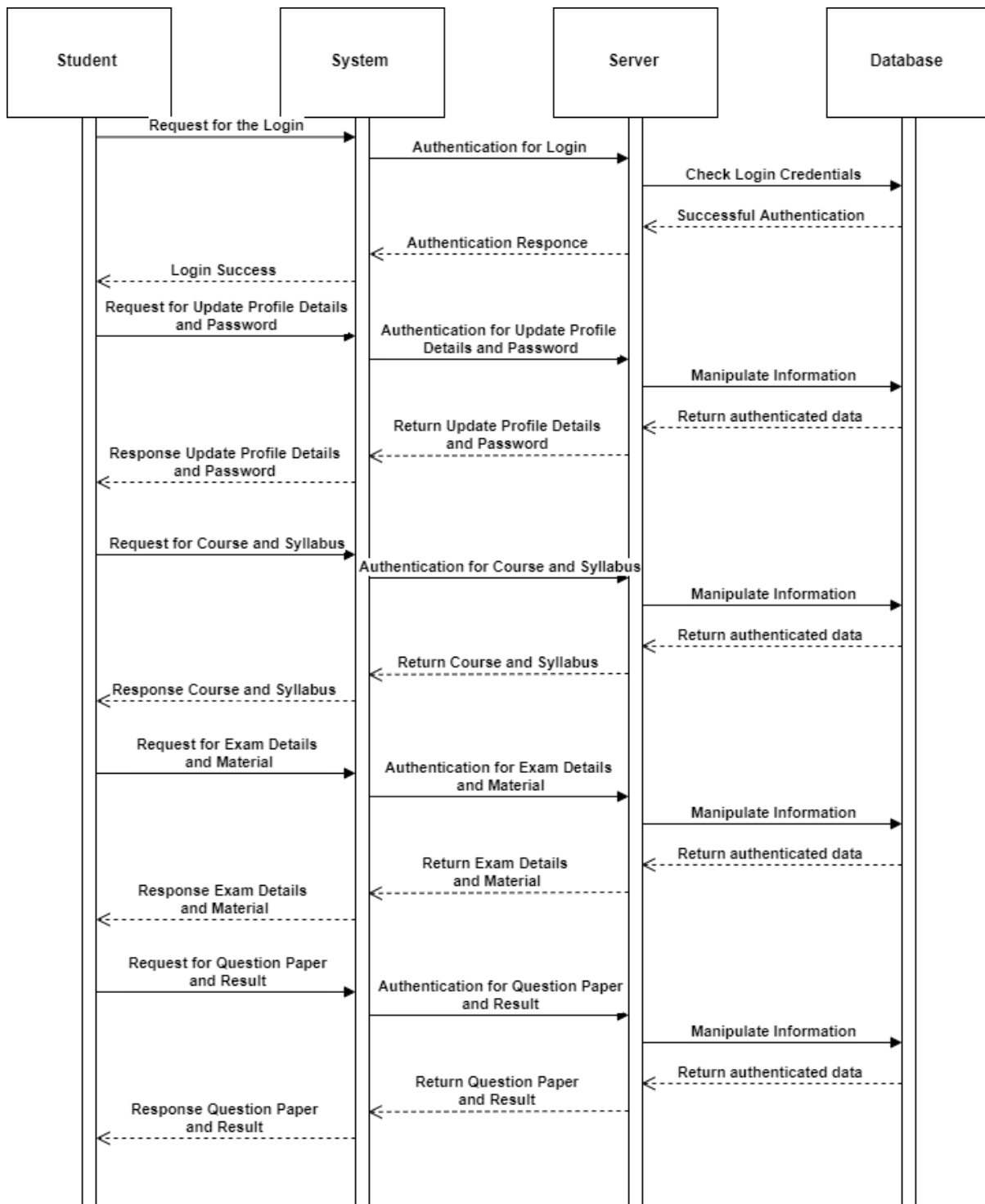
### 5.2.4.1 Sequence Diagram for Admin



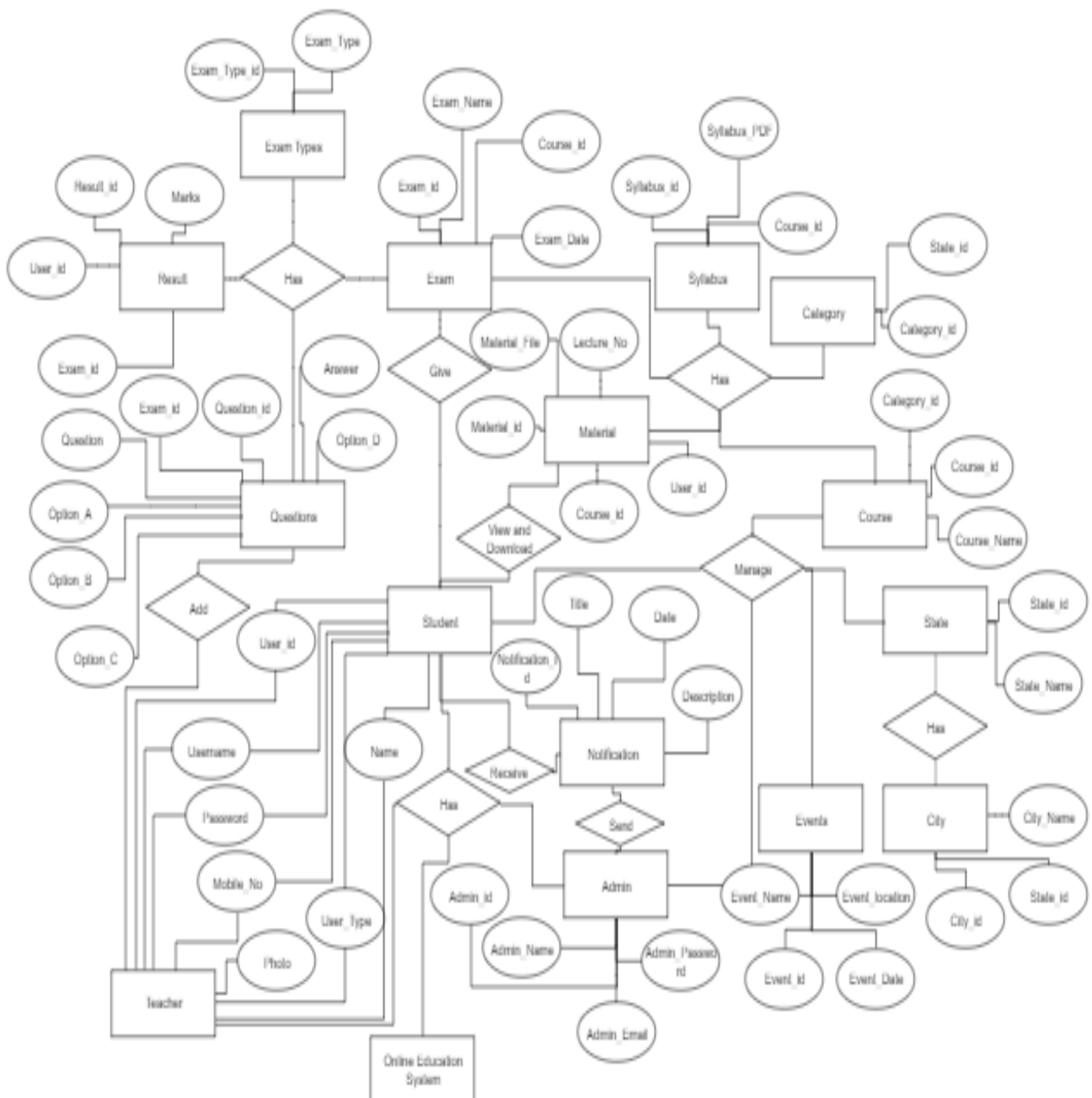
### 5.2.4.2 Sequence Diagram for Teacher



### 5.2.4.3 Sequence Diagram for Student



### 5.3 E-R Diagrams





## 6. Software Design



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## 6.1 Database Design

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### 1. Admin

Sr. No	Column Name	Datatype	Constraint	Description
1.	Admin_id	Integer	Primary Key	This is unique identification for the admin.
2.	Admin_Name	Varchar	-	This is the name for the Admin.
3.	Admin_Email	Varchar	-	This is the username of admin for login credentials.
4.	Admin_Password	Varchar	-	This is the password which is the secret field of particular Admin to login
5.	Admin_Type	Enum	-	This is the type of Admin. This may be superadmin or admin
6.	Admin_Status	Enum	-	This is status whether admin is active or Deactive
7.	Admin_Entry_Date	Datetime	-	This is the date and time when the details are first time added.
8.	Admin_Update_Date	Datetime	-	This is the date and time when the details are last time updated.

### 2. Category

Sr. No	Column Name	Datatype	Constraint	Description
1.	Category_id	Integer	Primary Key	This is unique identification for the particular category of course.
2.	Category_Name	Varchar	-	This is the name for the category.
3.	Category_Status	Enum	-	This is status whether Category is active or Deactive
4.	Category_Entry_Date	Datetime	-	This is the date and time when the Category is first time added.
5.	Category_Update_Date	Datetime	-	This is the date and time when the category is last time updated.

### 3. City

Sr. No	Column Name	Datatype	Constraint	Description
1.	City_id	Integer	Primary Key	This is unique identification for the City.
2.	City_Name	Integer		This is the name of city.
3.	State_id	Integer	Foreign Key	This is the reference key of state.
4.	City_Status	Enum	-	This is status whether City is active or Deactive
5.	City_Entry_Date	Datetime	-	This is the date and time when the City is first time added.
6.	City_Update_Date	Datetime	-	This is the date and time when the City is last time updated.

### 4. Contact\_US

Sr. No	Column Name	Datatype	Constraint	Description
1.	Contact_id	Integer	Primary Key	This is unique identification for the Contact comments details.
2.	User_Name	Varchar	-	This is end user's name
3.	User_Email	Varchar	-	This is end user's email
4.	User_Mobile	Bigint	-	This is end user's mobile no.
5.	User_Subject	Varchar	-	This is the subject.
6.	User_Message	Varchar	-	This is the message thar end user will comment to us.
7.	Contact_Status	Enum	-	This is status whether Contact is active or Deactive to show.
8.	Contact_Entry_Date	Datetime	-	This is the date and time when the Contact is first time added.
9.	Contact_Update_Date	Datetime	-	This is the date and time when the Contact is last time updated.

### 5. Course

Sr. No	Column Name	Datatype	Constraint	Description
1.	Course_id	Integer	Primary Key	This is unique identification for the particular Course.
2.	Course_Name	Varchar	-	This is the name of course
3.	Course_Fees	Double		This is the fees of particular course
4.	Course_Period	Int	-	This is the time period of course. This will be in months

5.	Category_id	Int	Foreign Key	This is the reference to the category to which course belongs
6.	Course_Image	Varchar	-	This is the image which will display on page.
7.	Course_Description	Varchar	-	This is the brief description of the course.
8.	Course_Status	Enum	-	This is status whether Course is active or Deactive
5.	Course_Entry_Date	Datetime	-	This is the date and time when the Course is first time added.
6.	Course_Update_Date	Datetime	-	This is the date and time when the Course is last time updated.

## 6. Events

Sr. No	Column Name	Datatype	Constraint	Description
1.	Event_id	Integer	Primary Key	This is unique identification for the Event.
2.	Event_Name	Varchar		This is the Event Name
3.	Event_Date	Date		This is the date of the events
4.	Event_Time	Time		This is the time when the event will be started.
5.	Event_Location	Varchar	-	This is the place where the event will be organize
6.	Event_Description	Varchar	-	This is the brief description of the event
7.	Event_Image	Varchar		This is the path of the Image which will display
8.	Event_Status	Enum	-	This is status whether Event is done or will be in future.
9.	Event_Entry_Date	Datetime	-	This is the date and time when the Event details is first time added.
10.	Event_Update_Date	Datetime	-	This is the date and time when the Event details is last time updated.

## 7. Exam\_Schedule

Sr. No	Column Name	Datatype	Constraint	Description
1.	Exam_id	Integer	Primary Key	This is the unique identification of the exam schedule
2.	Exam_Name	Varchar	-	This is the reference of the exam type.
3.	Exam_Date	Datetime	-	This is the date and time of the exam
4.	Course_id	Int	-	This is the reference of the course.
5.	Exam_Status	Enum	-	This is status whether Exam is pending or taken.
6.	Exam_Entry_Date	Datetime	-	This is the date and time when the exam is first time arranged.

7.	Exam_Update_Date	Datetime	-	This is the date and time when the Exam details are last time updated.
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## 8. Exam\_Type

Sr. No	Column Name	Datatype	Constraint	Description
1.	Exam_Type_id	Integer	Primary Key	This is the unique identification for Exam Type.
2.	Exam_Type	Integer	Foreign Key	This is the type of the exam like daily or weekly.
4.	Exam_Type_Status	Enum	-	This is status whether Exam_Type is active or Deactive
5.	Exam_Type_Entry_Date	Datetime	-	This is the date and time when the Exam_Type is first time added.
6.	Exam_Type_Update_Date	Datetime	-	This is the date and time when the Exam_Type is last time updated.

## 9. Material

Sr. No	Column Name	Datatype	Constraint	Description
1.	Material_id	Integer	Primary Key	This is unique identification for the particular Material.
2.	Material_file	Varchar	-	This is the path of the material file.
3.	Lecture_No	Int	-	This is the lecture number of that material
4.	User_id	Int	Foreign key	This is the reference to the teacher who will upload this material
5.	Course_id	Int	Foreign key	This is the reference of the course
6.	Material_Status	Enum	-	This is status whether Material is active or Deactive
7.	Material_Entry_Date	Datetime	-	This is the date and time when the Material is first time added.

## 10. Notification

Sr. No	Column Name	Datatype	Constraint	Description
1.	Notification_id	Integer	Primary Key	This is unique identification for the particular Notification.
2.	Notification_Title	Varchar	-	This is the title of the notification
3.	Notification_Description	Varchar	-	This is the brief message of notification content

4.	Notification_Date	Datetime	Foreign key	This is the date and time when the Notification Detail is first time added.
5.	Notification_Status	Enum	-	This is status whether Notification is active or Deactive
6.	Notification_Entry_Date	Datetime	-	This is the date and time when the Notification detail is last time updated.

## 11. Questions

Sr. No	Column Name	Datatype	Constraint	Description
1.	Question_id	Integer	Primary Key	This is unique identification for the particular question.
2.	Exam_id	Int	Foreign Key	This is the reference to the exam
3.	Question	Varchar	-	This is the question
4.	Option_A	Varchar	-	This is the first option
5.	Option_B	Varchar	-	This is the second option
6.	Option_C	Varchar	-	This is the third option
7.	Option_D	Varchar	-	This is the fourth option
8.	Answer	Varchar	-	This is the right answer
9.	Question_Status	Enum	-	This is status whether Question is active or Deactive
10.	Question_Entry_Date	Datetime	-	This is the date and time when the Question is first time added.
11.	Question_Update_Date	Datetime	-	This is the date and time when the Question is last time updated.

## 12. Results

Sr. No	Column Name	Datatype	Constraint	Description
1.	Result_id	Integer	Primary Key	This is unique identification for the particular result.
2.	Exam_id	Int	Foreign Key	This is the reference to the exam
3.	User_id	Int	Foreign Key	This is the reference to the student
4.	Marks	Double	-	This is the marks obtain in the exam
5.	Result_Status	Enum	-	This is status whether Result is active or Deactive
6.	Question_Entry_Date	Datetime	-	This is the date and time when the Result is first time added.

### 13. State

Sr. No	Column Name	Datatype	Constraint	Description
1.	State_id	Integer	Primary Key	This is unique identification for the particular State.
2.	State_Name	Varchar	-	This is the name for the State.
3.	State_Status	Enum	-	This is status whether State is active or Deactive
4.	State_Entry_Date	Datetime	-	This is the date and time when the State is first time added.
5.	State_Update_Date	Datetime	-	This is the date and time when the State is last time updated.

### 14. Student\_Notification

Sr. No	Column Name	Datatype	Constraint	Description
1.	User_id	Integer	Foreign Key	This is the reference to the user
2.	Notification_id	Int	Foreign Key	This is the reference to the notification details
3.	Notification_Status	Enum	Foreign Key	This is status whether Notification is pending or sent

### 15. Syllabus

Sr. No	Column Name	Datatype	Constraint	Description
1.	Syllabus_id	Integer	Primary Key	This is unique identification for the particular State.
2.	File_Name	Varchar	-	This is the name for the State.
3.	Syllabus_PDF	Varchar		This is the path of uploaded syllabus file
4.	Course_id	Int	Foreign key	This is the reference to the course.
5.	State_Status	Enum	-	This is status whether Syllabus is active or Deactive
6.	State_Entry_Date	Datetime	-	This is the date and time when the Syllabus is first time added.

## 16. Users

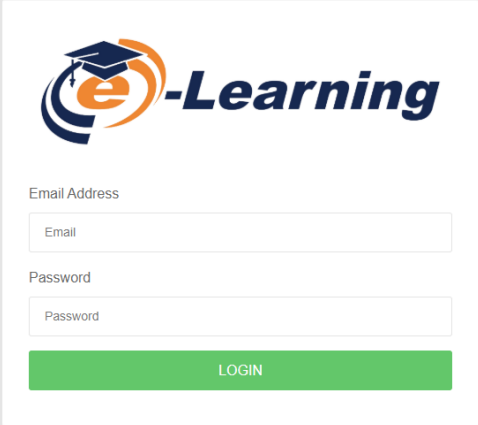
Sr. No	Column Name	Datatype	Constraint	Description
1.	User_id	Integer	Primary Key	This is unique identification for the particular User.
2.	Username	Varchar	-	This is the username or email by which user will login
3.	Password	Varchar	-	This is the password credential
4.	Name	Varchar	-	This is the Name of the user
5.	Mobile_Number	Bigint	-	This is the contact number of the user
6.	Gender	Enum	-	This is the gender of user.
7.	DOB	Date	-	This is Birthdate of the user
8.	Photo	Varchar	-	This is the path of user's profile photo
9.	Address	Varchar	-	This is the full address of user.
10.	City_id	Int	Foreign Key	This is the reference to the city
11.	User_Type	Enum	-	User may be Student or Teacher.
12.	User_Status	Enum	-	This is status whether User is active or Deactive
13.	User_Entry_Date	Datetime	-	This is the date and time when the User detail is first time added.
14.	User_Update_Date	Datetime	-	This is the date and time when the User detail is last time updated.

## 17. Users\_Course

Sr. No	Column Name	Datatype	Constraint	Description
1.	User_id	Integer	Foreign Key	This is the reference to the user
2.	Course_id	Int	Foreign Key	This is the reference to the Course
3.	User_Course_Status	Enum	Foreign Key	This is status whether User is pursuing the course or completed
4.	User_Course_Entry_Date	Datetime	-	This is the date and time when the User and Course detail is first time added.
5.	User_Course_Update_Date	Datetime	-	This is the date and time when the User and Course detail is last time updated.

## 6.2 Interface Design sitemap followed with page

### 1. Admin and Teacher Login



The login form for the e-Learning system. It features the e-Learning logo at the top, followed by input fields for Email Address and Password, and a green LOGIN button.

Email Address

Email

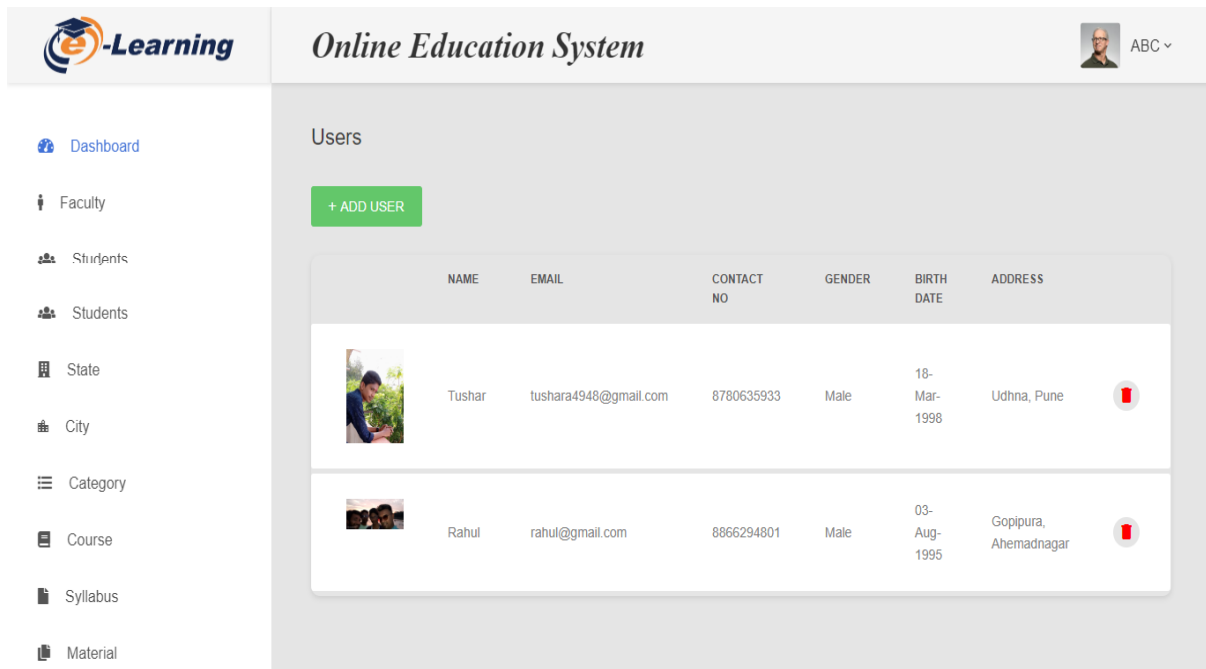
Password

Password

LOGIN

### Admin

### 2. View User



The Admin Dashboard View User interface. It includes a sidebar with navigation links, a header with the e-Learning logo and user profile, and a main content area showing a list of users.

**Admin Dashboard**





- Dashboard
- Faculty
- Students
- Students
- State
- City
- Category
- Course
- Syllabus
- Material

**Online Education System**

ABC ▾


**Users**

+ ADD USER


	NAME	EMAIL	CONTACT NO	GENDER	BIRTH DATE	ADDRESS	
	Tushar	tushara4948@gmail.com	8780635933	Male	18-Mar-1998	Udhna, Pune	
	Rahul	rahul@gmail.com	8866294801	Male	03-Aug-1995	Gopipura, Ahemadnagar	



### 3. View Course

**e-Learning**







Online Education System

 ABC ▾


[Dashboard](#)  
[Faculty](#)  
[Students](#)  
[State](#)  
[City](#)  
[Category](#)  
[Course](#)  
[Syllabus](#)  
[Material](#)

Course


[+ ADD COURSE](#)

COURSE NAME	COURSE FEES	COURSE PERIOD	CATEGORY	COURSE IMAGE	DESCRIPTION
PHP	Rs.15000	12 Months	Information Technology		This is PHP  
Marketing	Rs.10000	10 Months	Bussiness		This is Marketing Course  

### 4. Add Exam Schedule

**e-Learning**

Online Education System

 ABC ▾

[Dashboard](#)  
[Faculty](#)  
[Students](#)  
[State](#)  
[City](#)  
[Category](#)  
[Course](#)  
[Syllabus](#)  
[Material](#)

Add Exam Schedule Form

Exam Type

Weekly Exam ▾

Course

PHP ▾

Exam Date


16-Dec-2019

Exam Time


12:00 PM

[Add Schedule](#) [Cancel](#)

## 5. Notification

**e-Learning**

Online Education System

 ABC ▾

[Dashboard](#)

[Faculty](#)

[Students](#)

[State](#)

[City](#)

[Category](#)







[Course](#)

[Syllabus](#)


[Material](#)

Notifications


+ ADD NOTIFICATION

TITLE	DESCRIPTION	DATE	LAST UPDATED	
Exam	Your Exam will be on 11th December, 2018 at 11:00 AM	0000-00-00 00:00:00	2019-11-28 12:26:29	  
Final Exam Notification	Your Final Exam Will Start From 10th December, 2019	2019-10-26 06:00:32	2019-11-20 09:50:43	  

## 6. View Syllabus

**e-Learning**

Online Education System

 ABC ▾

[Dashboard](#)

[Faculty](#)

[Students](#)

[State](#)

[City](#)

[Category](#)

[Course](#)


[Syllabus](#)

[Material](#)


[Exam Type](#)

Course


+ UPLOAD SYLLABUS

COURSE NAME	SYLLABUS FILE	
PHP	<a href="#">PHP Syllabus</a>	

## 7. Add Event



Online Education System

 ABC ▾

Dashboard

Faculty

Students

State

City

Category

Course

Syllabus

Material

Add Event Form

Event Name

Annual Function

Event Date

31-Dec-2019

Event Time

07:00 PM

Event Location

Town Hall

Event Image

Choose File

Annual.png

Event Description


This is the annual function

Add Event


Cancel

## Teacher

## 8. Add Material



Online Education System

 Tushar ▾

Dashboard

Course

Syllabus

Material

Exam Schedule

Questions

Deleted Data

Add Material Form

Course

PHP ▾

Lecture No

3

Material File


Choose File

PHP.pdf


Add Material

Cancel

## 9. Add Question



Online Education System

 Tushar ▾

Dashboard

Course

Syllabus

Material

Exam Schedule

Questions

Deleted Data

Add Question Form

Course

Select Course ▾

Exam

Select Exam ▾

Question

Enter Question...

Option A

Enter Option A...

Option B

Enter Option B...

Option C

Enter Option C...

Option D

Enter Option D...


Answer

Choose Right Answer ▾


Add Question

Back To List

## 10. View Questions



Online Education System

 Tushar ▾

Dashboard

Course

Syllabus

Material





Exam Schedule

Questions

Deleted Data

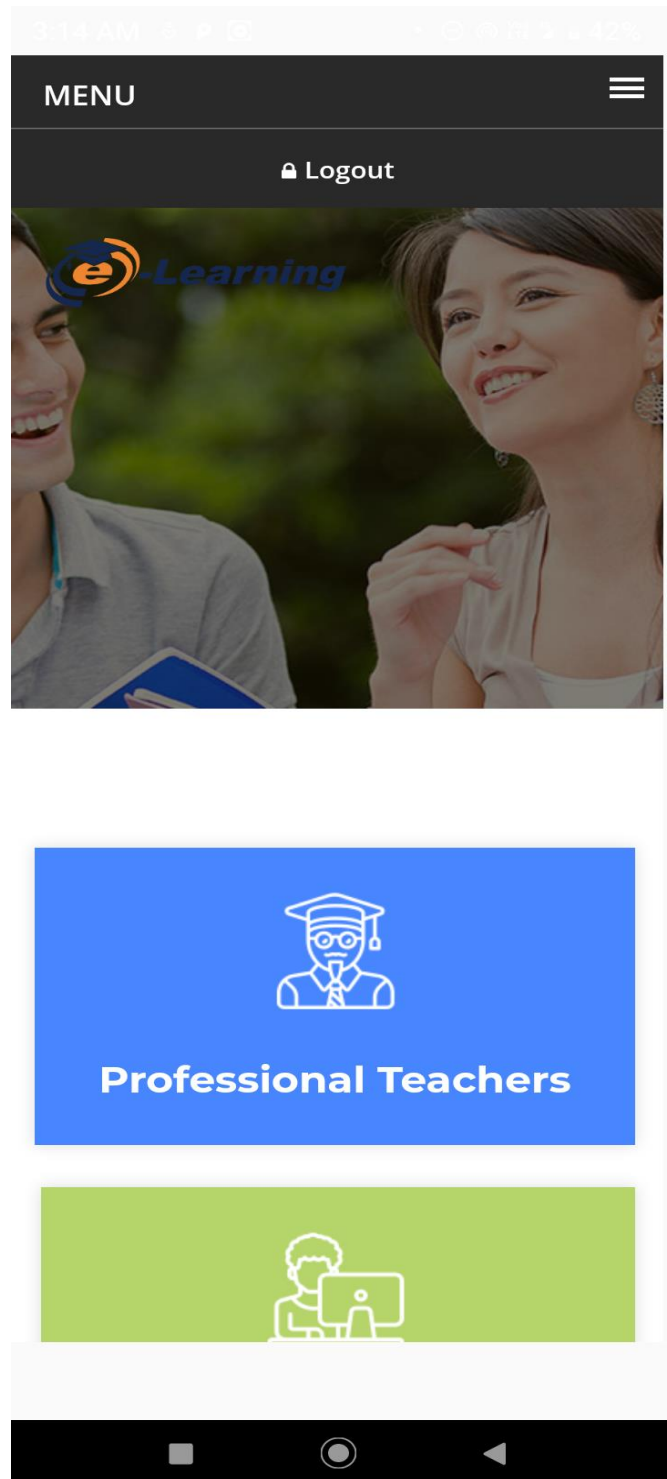
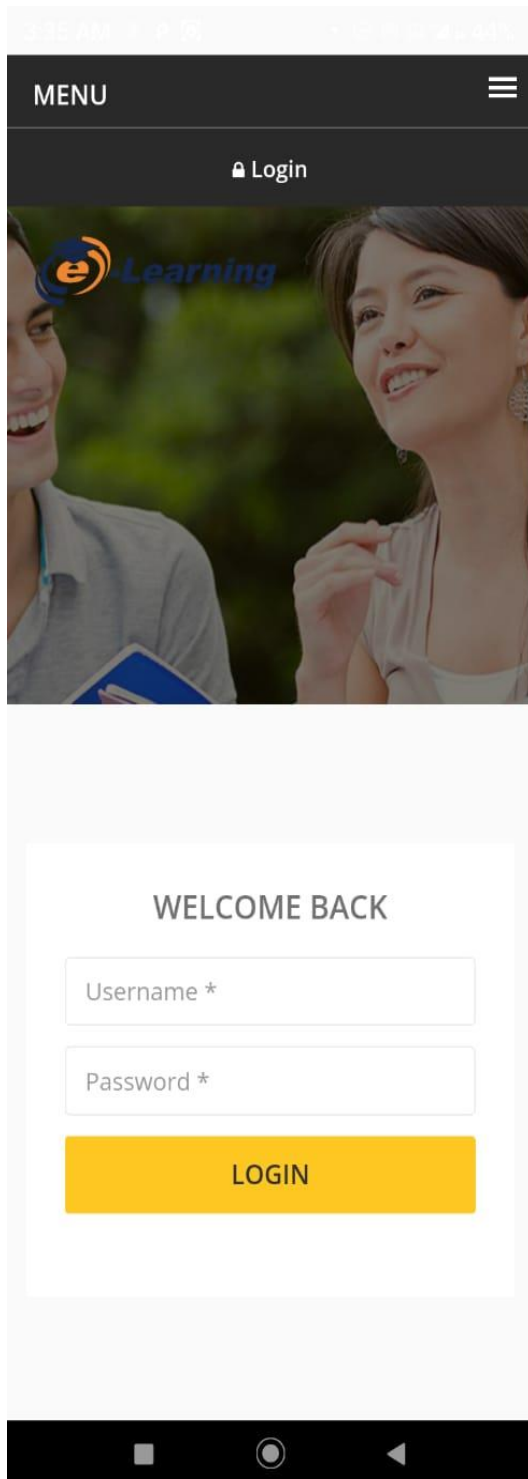
Questions

+ ADD QUESTION

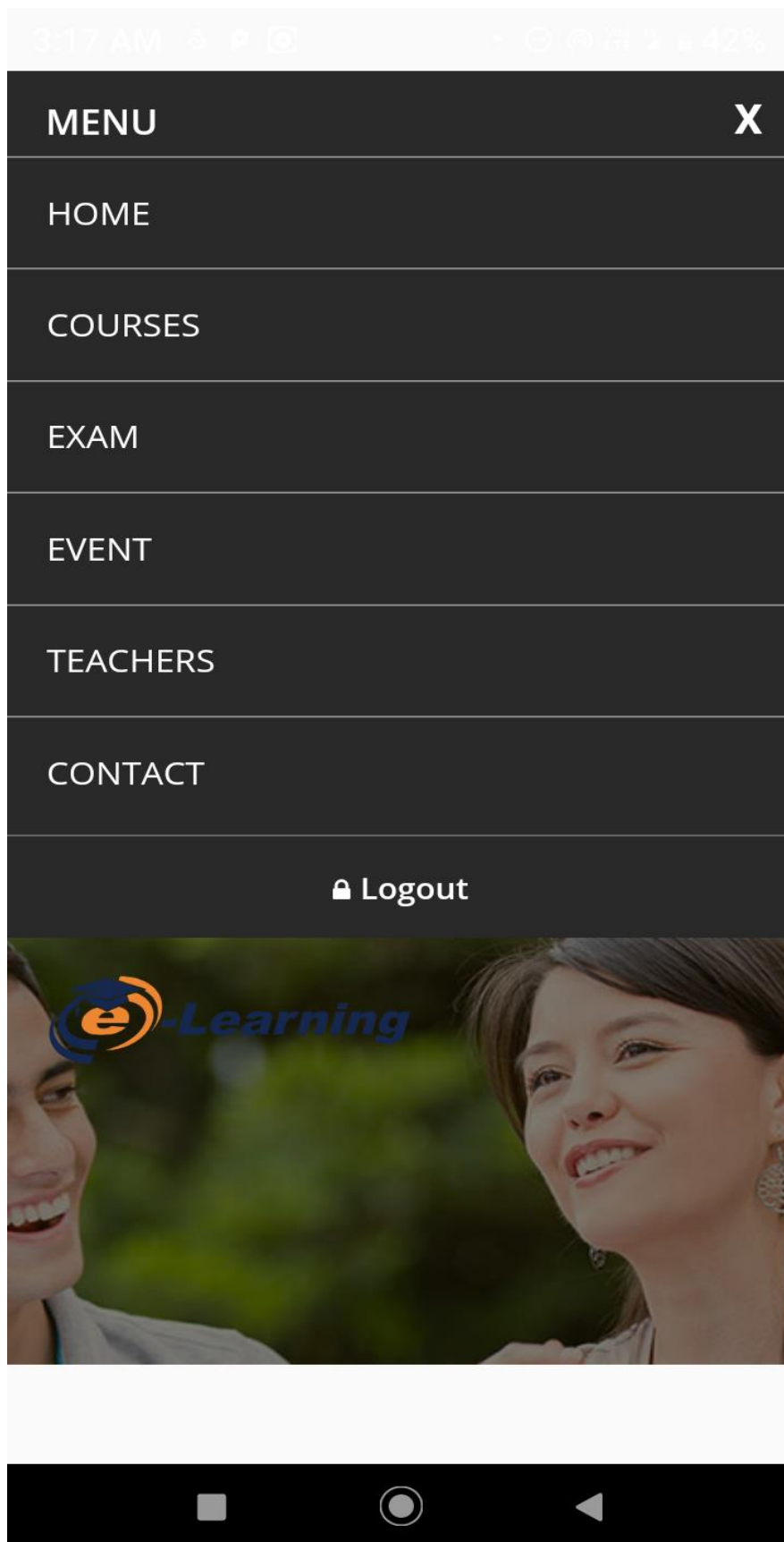
EXAM	QUESTION	OPTION A	OPTION B	OPTION C	OPTION D	ANSWER	
PHP Weekly Exam	Who is the father of PHP	Rasmus Lerdorf	William Makepiece	Drek Kolkevi	List Barely	Rasmus Lerdorf	 
PHP Weekly Exam	Which of the following type of variables are special type that only has one value: NULL?	Strings	Boubles	Booleans	NULL	NULL	 

# Student

## 11. Login and Home Page



## 12. Menu



## 13. Courses

3:41 AM

Course Price

**₹15000**

One Time Payment

All Categories

[Bussiness](#)

[Management](#)

[ABCD](#)

[Information Technology](#)


# PHP

Category

INFORMATION TECHNOLOGY

Students

1




## Description:

This is PHP

Materials

 PHP\_1

View

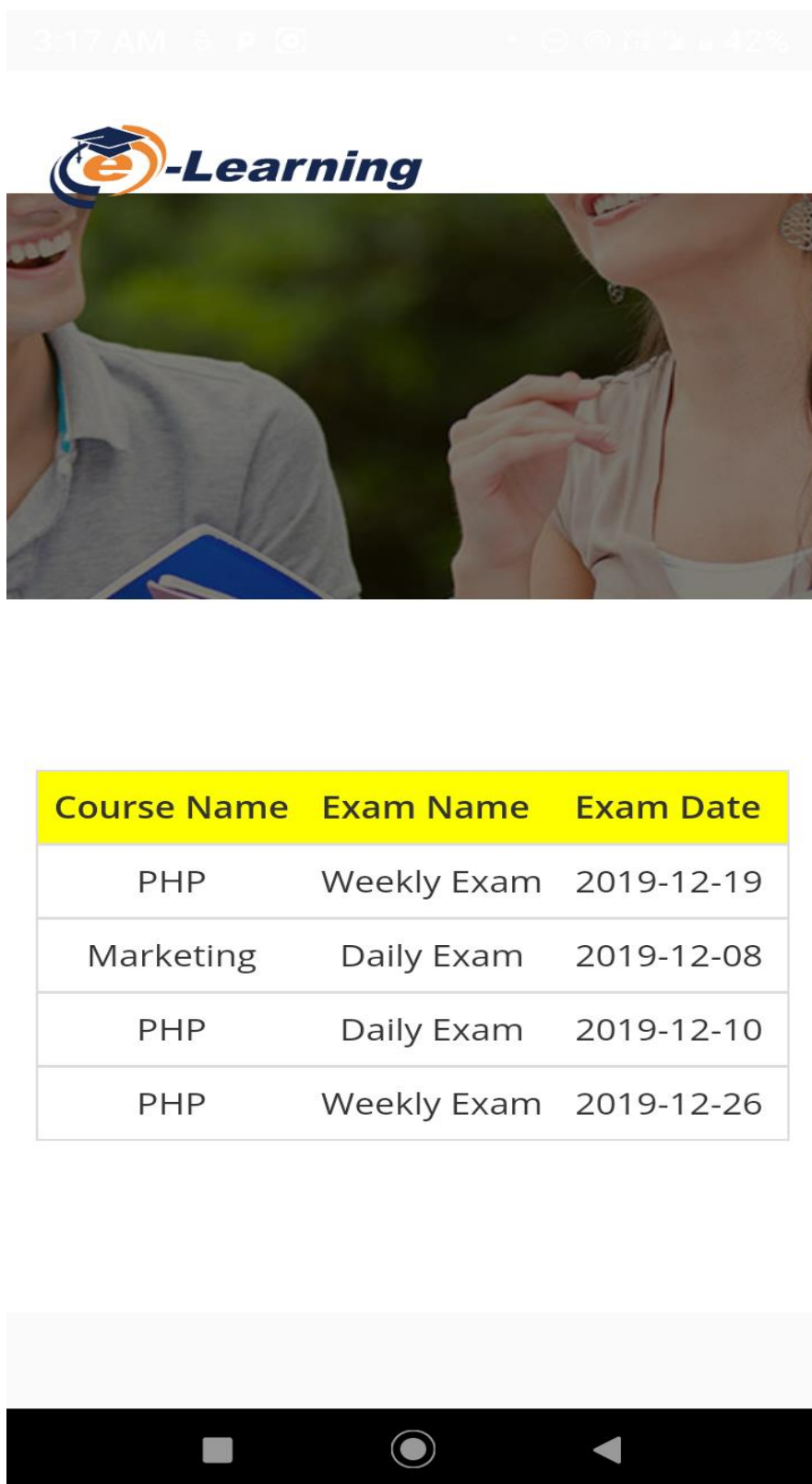
 PHP\_2

View

 PHP\_3

View

## 15. Exam





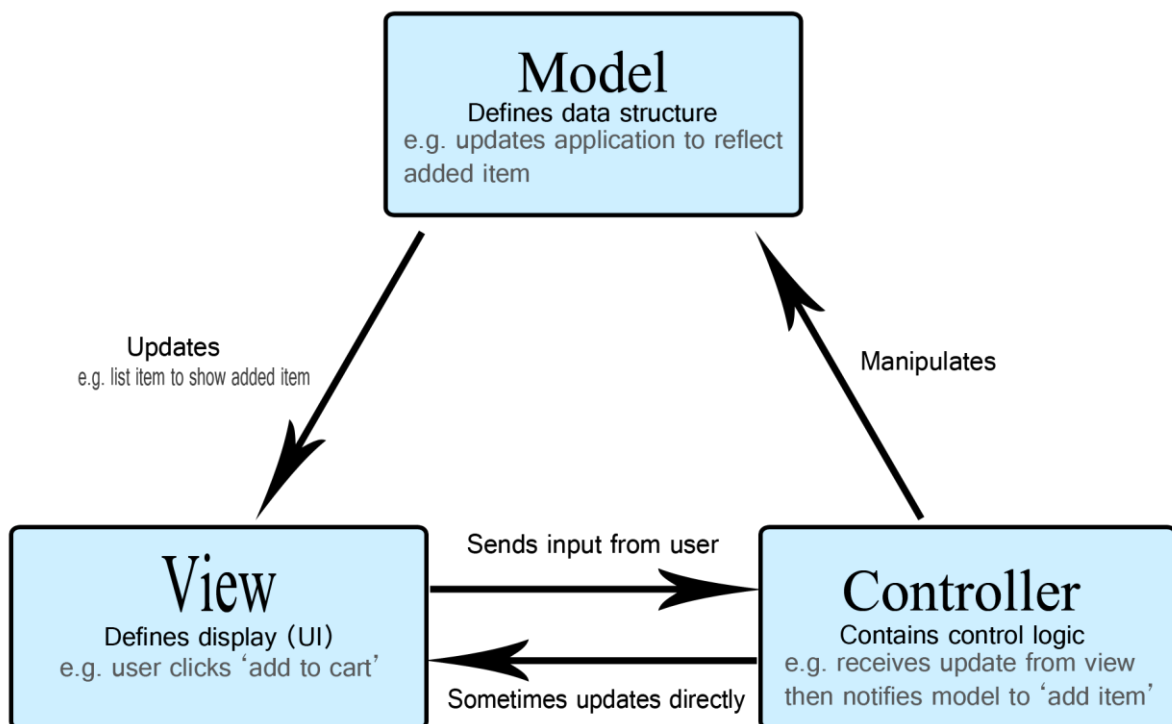
---

## 6.3 Architecture Design

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Model View Controller (MVC) is a software architecture pattern, commonly used to implement user interfaces: it is therefore a popular choice for architecting web apps. In general, it separates out the application logic into three separate parts, promoting modularity and ease of collaboration and reuse. It also makes applications more flexible and welcoming to iterations.

To make this a little more clearly, let's imagine a simple shopping list app. All we want is a list of the name, quantity and price of each item we need to buy this week. Below we'll describe how we could implement some of this functionality using MVC.



➤ **The Model: -**

The model defines what data the app should contain. If the state of this data changes, then the model will usually notify the view (so the display can change as needed) and sometimes the controller (if different logic is needed to control the updated view).

➤ **The View: -**

The view defines how the app's data should be displayed.

➤ **The Controller: -**

The controller contains logic that updates the model and/or view in response to input from the users of the app.



## 7. Testing

## 7.1 Unit Testing

Page Name	View	Insert	Update	Delete	Validate	Recover Deleted
Category	✓	✓	✓	✓	✓	✓
City	✓	✓	✓	✓	✓	✓
Contact_Us	✓	✓	✗	✗	✓	✗
Course	✓	✓	✓	✓	✓	✓
Events	✓	✓	✓	✓	✓	✓
Exam_Schedule	✓	✓	✓	✓	✓	✓
Exam_Type	✓	✓	✓	✓	✓	✓
Material	✓	✓	✓	✓	✓	✓
Notification	✓	✓	✓	✓	✓	✓
Question	✓	✓	✓	✓	✓	✓
Results	✓	✓	✗	✗	✓	✗
State	✓	✓	✓	✓	✓	✓
Student_Notification	✓	✗	✗	✗	-	✗
Syllabus	✓	✓	✓	✓	✓	✓
Users	✓	✓	✓	✓	✓	✓
Users_Course	✓	-	-	-	-	-



## 8. Future Enhancement

- There can be online attendance of Students and Teachers as well.
- We can provide softcopy of the certificate at our application as well.
- We can give admission online also by registration.
- We can provide lecture online to students via live streaming.



## 9. Reference

- <https://www.w3schools.com/jquery/>
- <http://www.stackoverflow.com>
- <http://www.drawio.com>
- <https://go.gliffy.com/go/html5/13180101>
- <http://www.c-sharpcorner.com>