



**Daffodil**  
*International*  
**University**

## **DOCUMENTATION OF PROJECT**

### Desktop and Web Programming with Lab

#### **Submitted to:**

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# Classroom Management

## ➤ Project Overview:

The project name is Classroom Management System. It is a web based system. We are developing this project for making some works manual to systematic. By this system any authenticated person can upload, view and download a routine. Teachers can book an unscheduled classroom for their work. Students can get notice from their teacher about their routine, classroom no, time and etc.

## ➤ Project Description:

Classroom Management System is developed to save our time, chaos and confusion. In every semester we face some problem such as changing in routine too much, some unused classroom, many booking for one class room, for booking any room write the entry manually, etc. Through this system, most of the problems can be solved. In this system firstly you have to authenticate yourself. Then you can upload, view and download the routine. You can see how much room is using and rooms information. Then you can see the numbers of rooms are not using at a specific time. You can book a room from them. If any room is already booked you can see the information about the person who has booked. You can cancel your booking when you don't need the room.

## ➤ **Project Features:**

1. Authentication.
2. Upload Routine.
3. Download Routine.
4. View Classrooms.
5. Book classrooms.
6. Cancel booked classrooms.
7. Feedback

## ➤ **Stakeholders:**

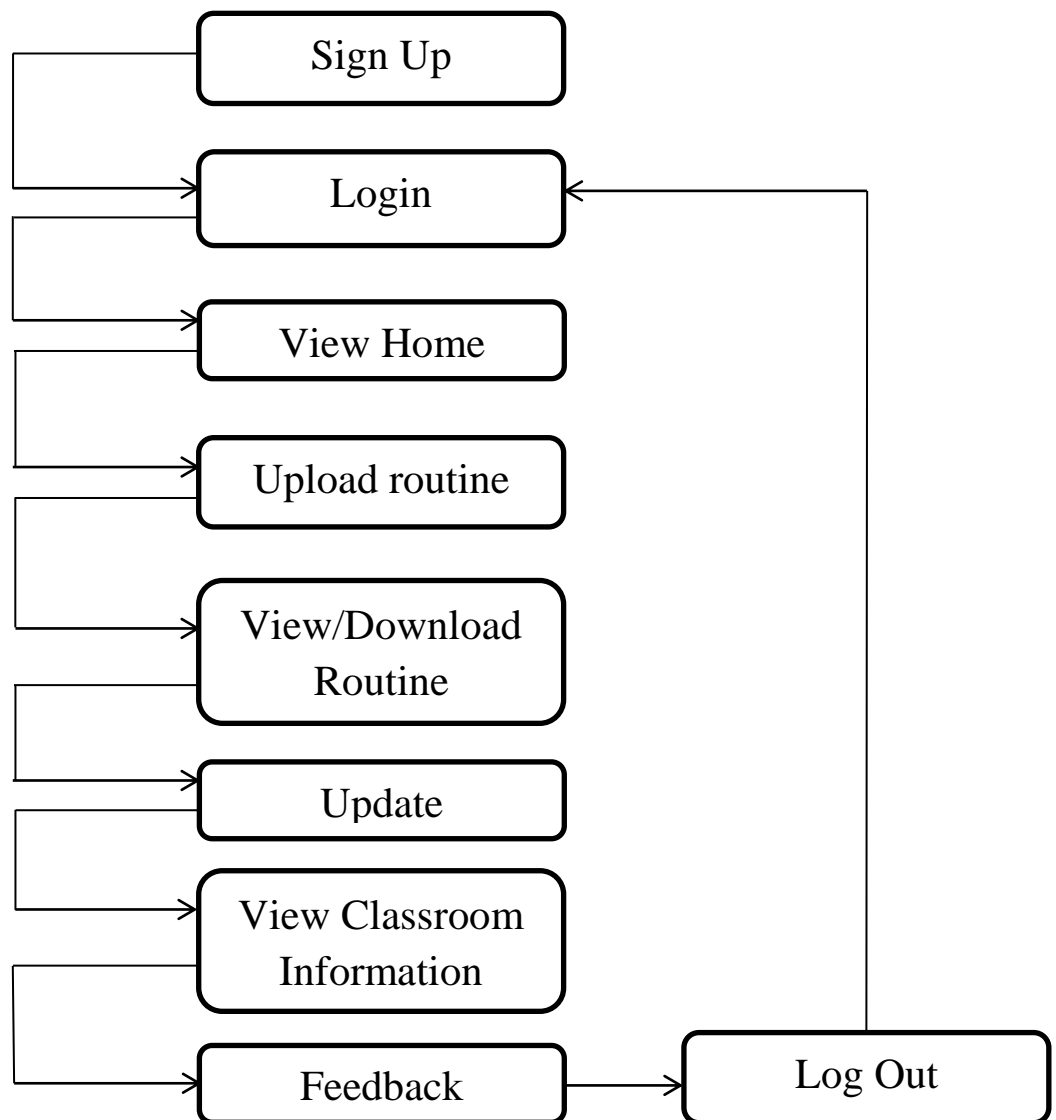
### **1. Internal stakeholders:**

- 1.1. Teachers.
- 1.2. Students.
- 1.3. Employees.

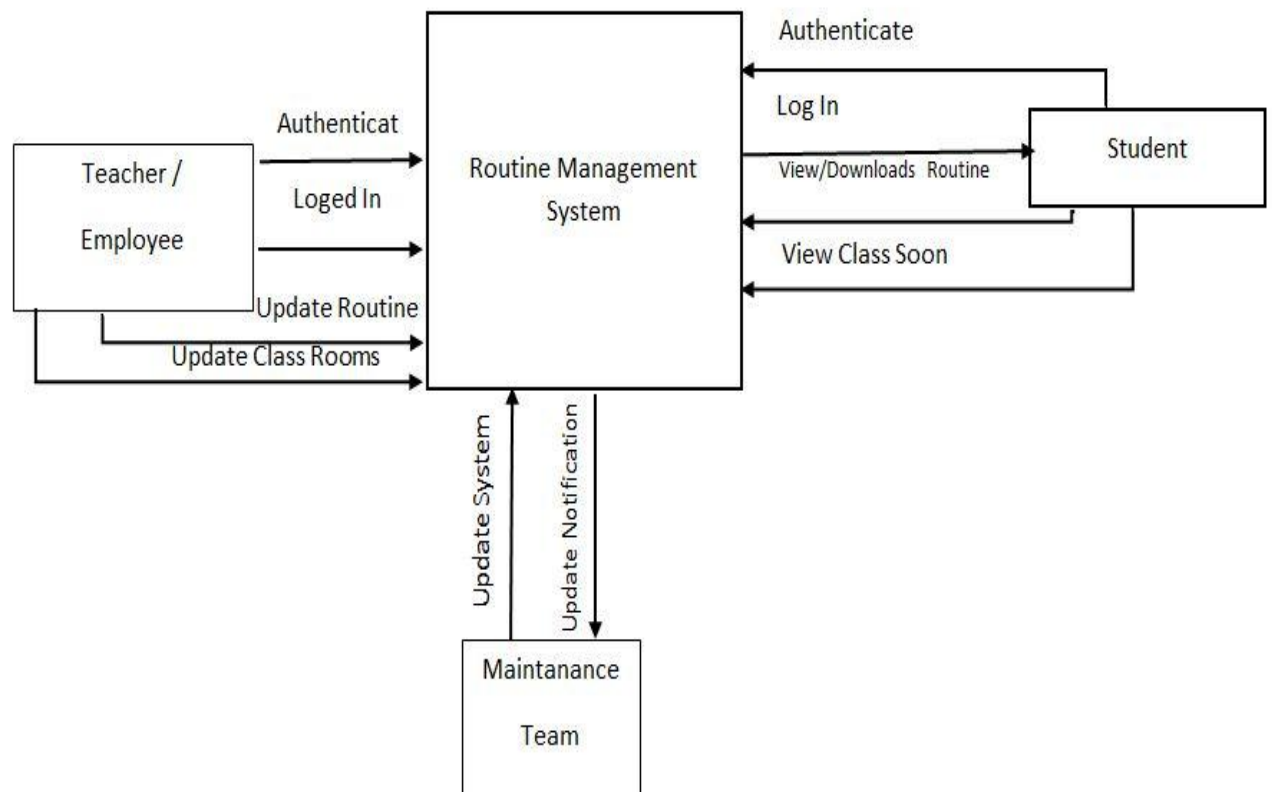
### **2. External stakeholders:**

- 2.1. Regulators.
- 2.2. Maintenance team.

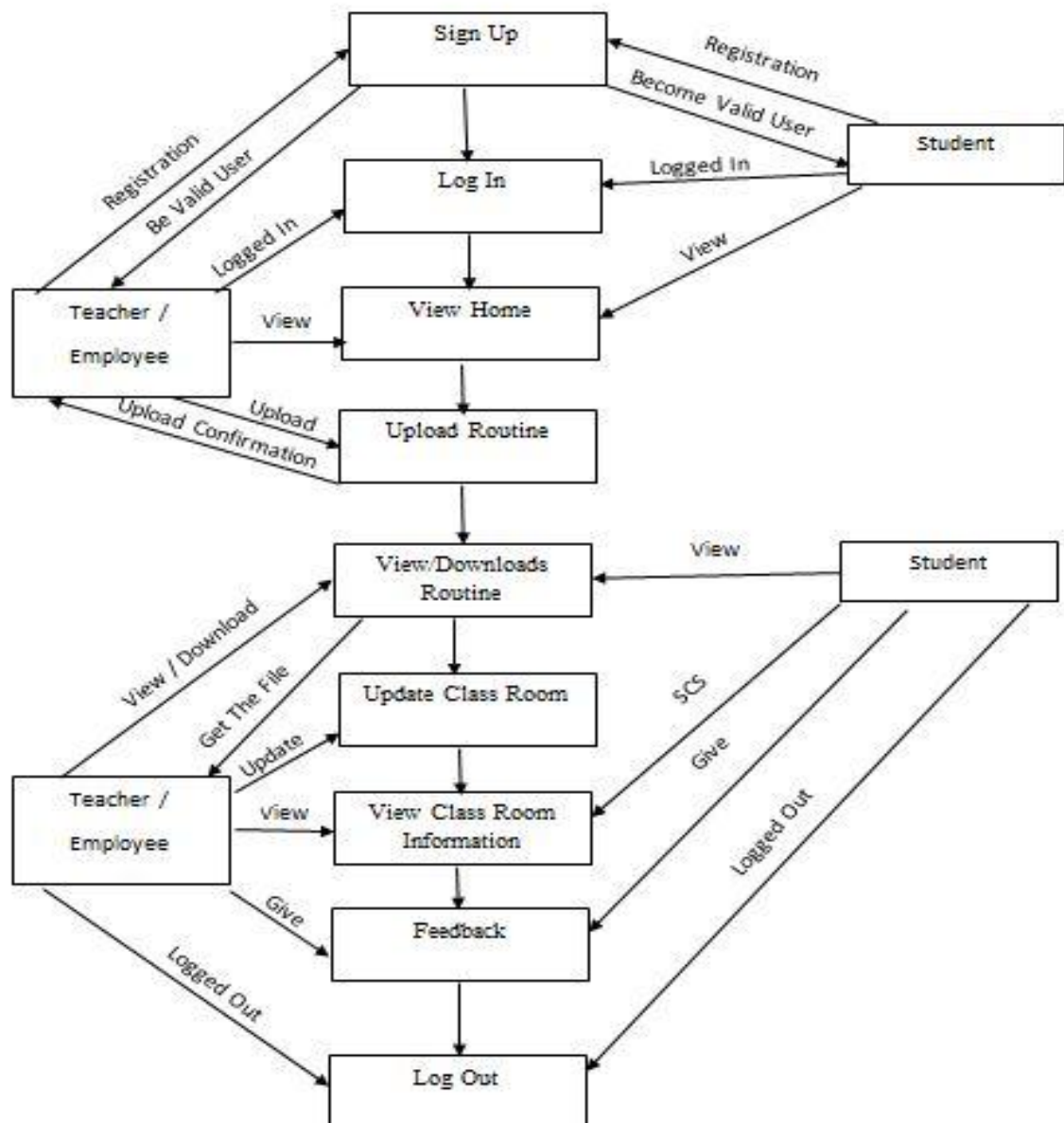
➤ **Activity Diagram:**



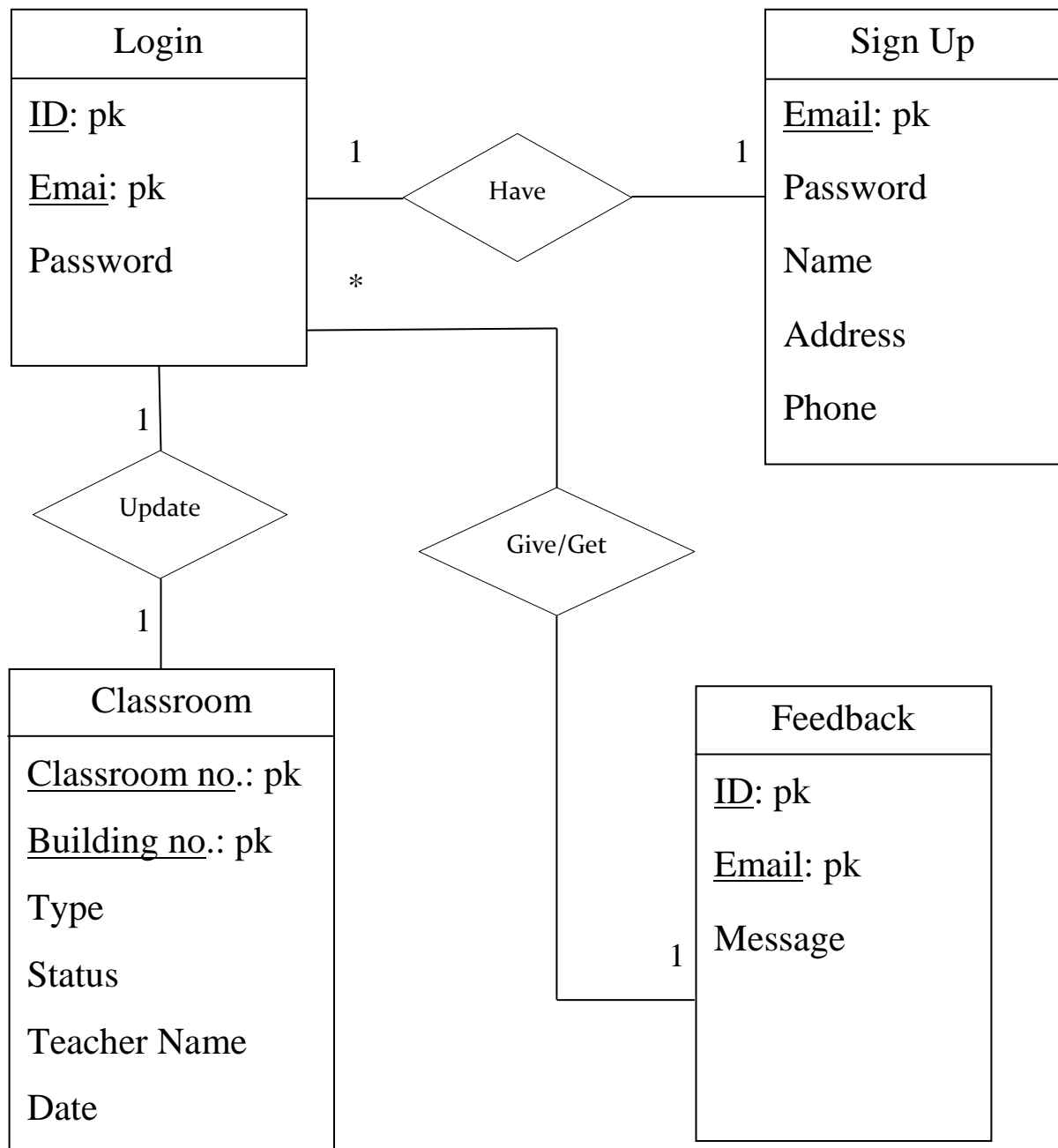
## ➤ Context Diagram:



## ➤ Data Flow Diagram:



## ➤ E-R Diagram:



## ➤ Use Case Diagram:

<b>Use Case</b>	Buy Goods	
<b>Goal</b>	Teachers tell the admin for booking the classrooms.	
<b>Success End Condition</b>	System can be done automatically. Less time needed. Security and Reliability.	
<b>Failed End Condition</b>	Teachers can't book the classrooms by themselves.	
<b>Primary Actors;</b>  <b>Secondary Actors</b>	Teachers.  Admin, Students.	
<b>Description / Main Success Scenario</b>	<b>Step</b>	<b>Action</b>
	1	Teachers reach to admin for booking classrooms.
	1.1	Teachers directly go to admin.
	1.2	Teachers send a text to admin.
	1.3	Teachers send any student to admin
	2	Admin collects the requirements of the teacher.
	3	Admin search for classrooms.
	4	Admin book classroom for the teacher.
	5	Admin confirm about the booking.
	6	Company ships invoice to buyer.

## ➤ Limitations:

1. This website has still one type of user based interface.
2. Anyone can upload new routine. Do not have a proper authentication system.
3. This website cannot work in different environment.
4. Teachers can't book the rooms by themselves.

## ➤ Future Plan:

1. Create a Proper Authentication system.
2. Make the design more users friendly and efficient.
3. Also it will work in different environment.
4. We will also make different interface for different types of user.