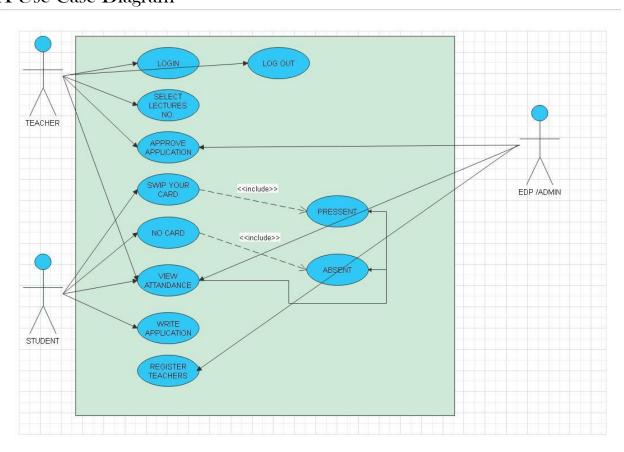
ID:14269

Name: Qazi Bilal

Question #1 (20 Marks)

Consider your University Attendance Marking System in a class. Keeping in mind all the activities, both the start and end of the class, come up with the following:

1. A Use Case Diagram



2. A Textual Use Case Diagram

• Name:

University Attendance Marking System

• Participating actor:

Student, teacher and admin

- Entry condition:
 - > Student must swipe their card or enter their ID and password.
 - > Student must be register.
 - > Teacher must swipe their card.
 - > Teacher also must be register as a teacher in university.
 - ➤ Admit ust enter ID and password.

• Exit condition:

- > Student will swipe their cards for attendance after the lecture time is completed.
- > Student will press logout button.
- ➤ After students attendance teachers will press logout button and swipe their cards.
- ➤ Admin will Press logout.
- Flow of events:
 - > Student can view their attendance.
 - > Student can write an application.
 - > Teacher can select lecture.
 - > Teacher can approve application.
 - > Teacher can also check student's attendance.
 - ➤ Admin can register teacher.
 - ➤ Admin can approve application.
 - ➤ Admin can view attendance.
- Special requirements:
 - > Student should pay atleast 50% of fees for attendance.

Question #2 (10 Marks)

You have to make a new Biometric Attendance System for your university. You are being assigned this task on April 21st, 2020 and you have to submit the whole system on 15th June. Come up with schedule for this whole project in the form of Gantt Chart and Pert Chart.

Gant chart

<u> </u>								
CTIVITIES	MONTH WEEK	MONTH WEEK	MONTH WEEK	MONTH WEEK	MONTH WEEK	MONTH WEEK	MONTH WEEK	
ollection of terature	April 21-April27							
udy of terature		April 28-May 4						
nalysis of oposed heme			May 5-May 11					
eparation of chemes / odel				May 12-May18				
plementation					May 19-May25			
nalysis & mulation						May 26-June 1		
sult rmulation							June 2-jun 8	
nal Write-up & port ubmission								June 9-June 15
port								June 9-

Pert chart

