

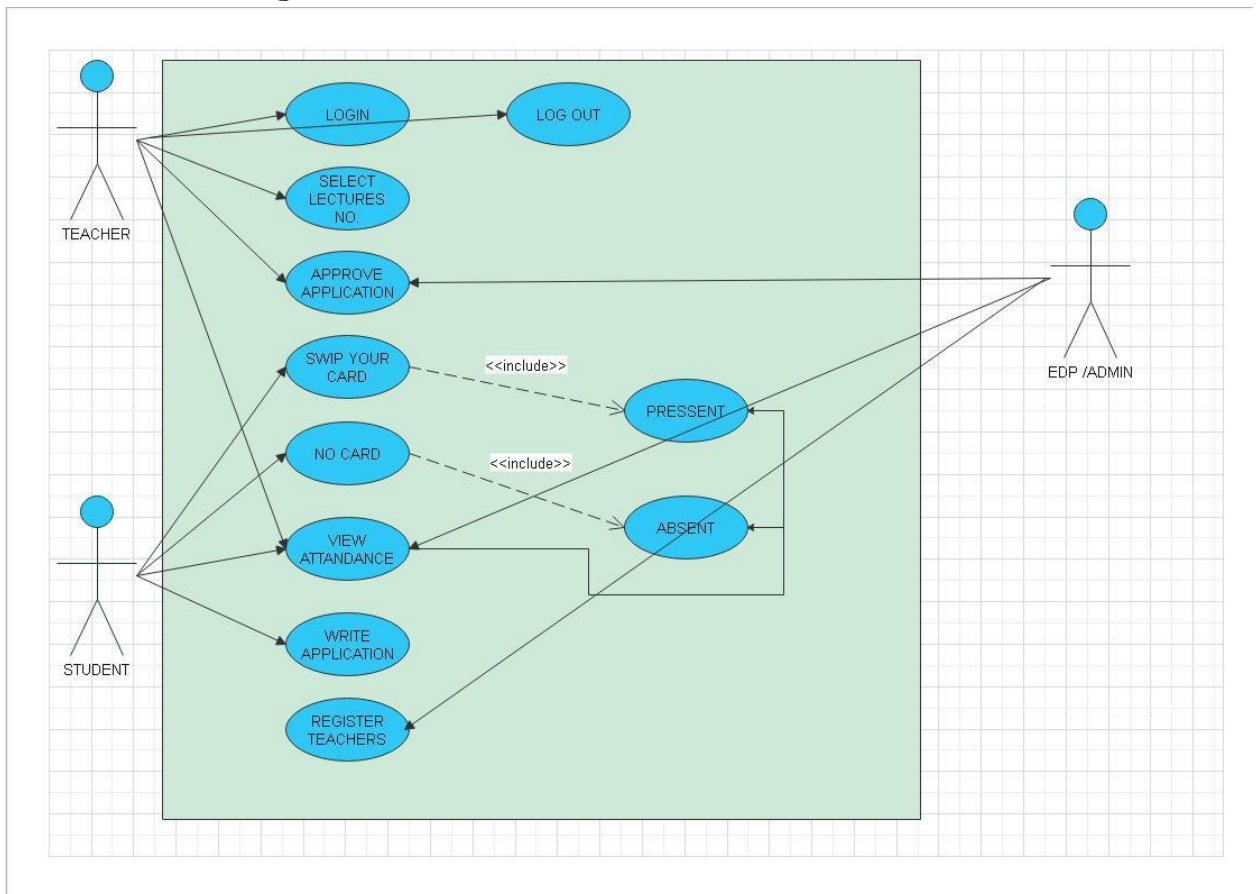
ID:14269

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.
  - Admin must 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.



# Pert chart

