Assignment

Assignment Title: Sessional Assignment

Course Name: Object Oriented System Analysis And Design

Submitted By:

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BS (SE) Section: A
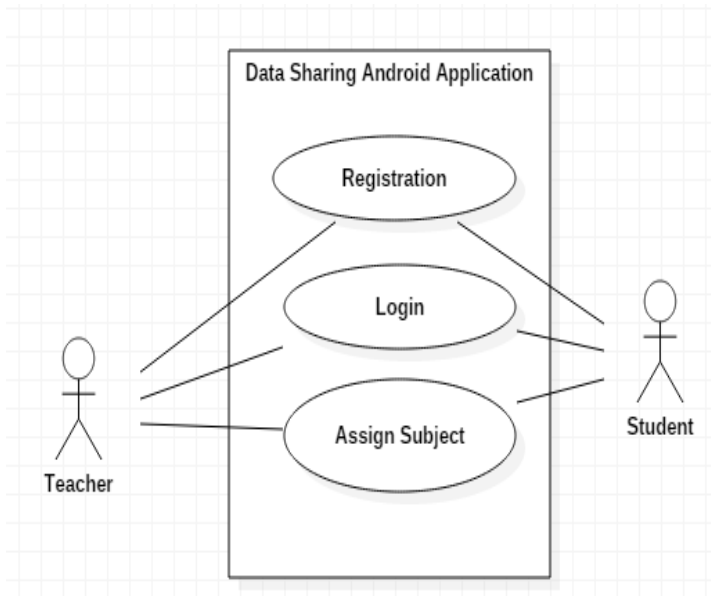
Submitted To:

Sir Fahimullah

Dated: 8th June 2020

Department of Computer Science,
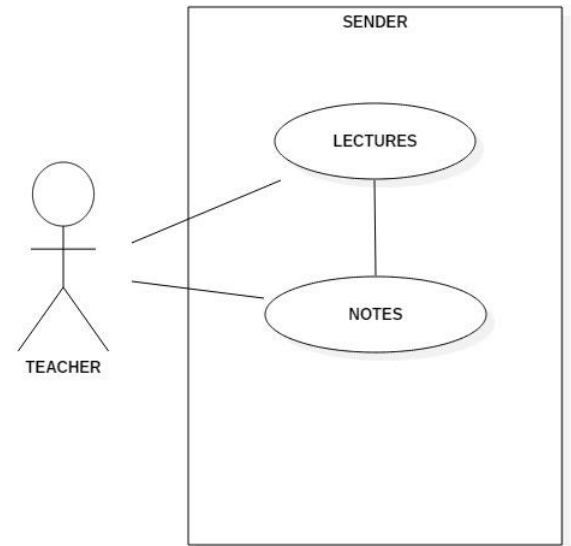# IQRA National University, Peshawar Pakistan

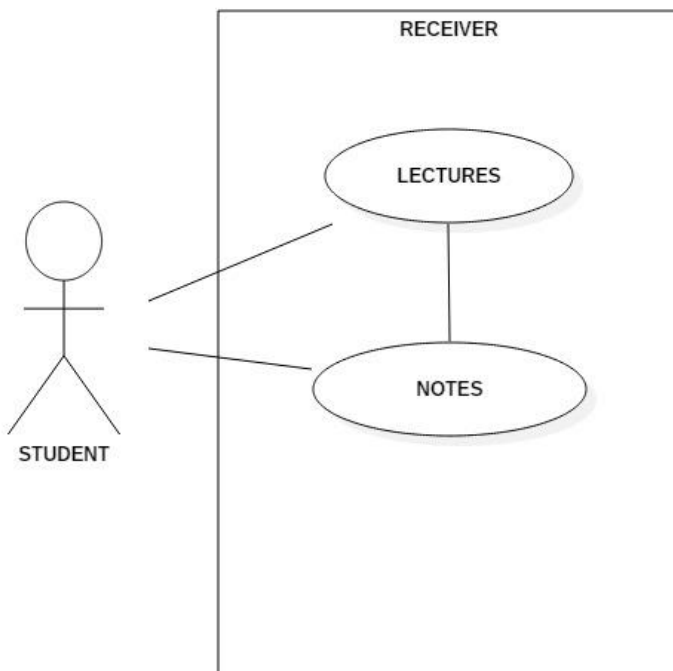1. Draw detailed USECASE DIAGRAM of your FYP Project along with description

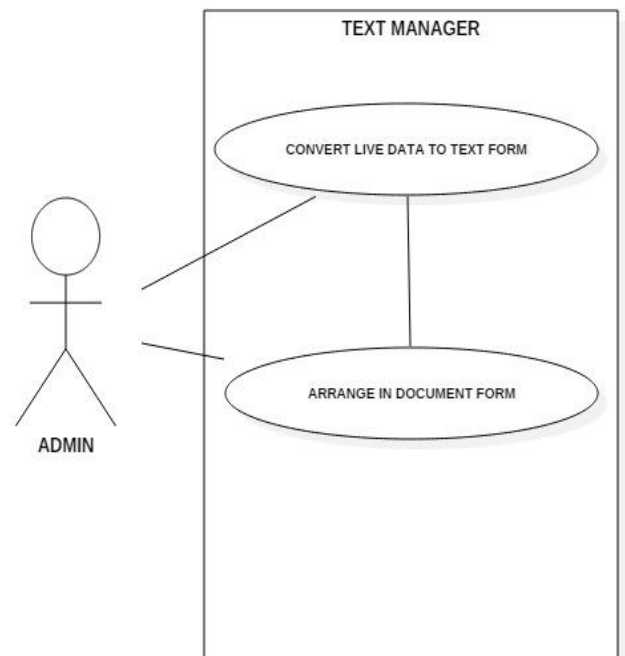## USECASE DIAGRAM

DATE SHARING ANDROID APPLICATION

REGISTRATION

MODULE 1: DATA SENDER

MODULE 2: DATA RECIEVER

MODULE 3: TEXT MANAGER

DESCRIPTION

Module 1: in this module Teacher send materials to student on the spot via data sharing data application now it include lectures of notes.
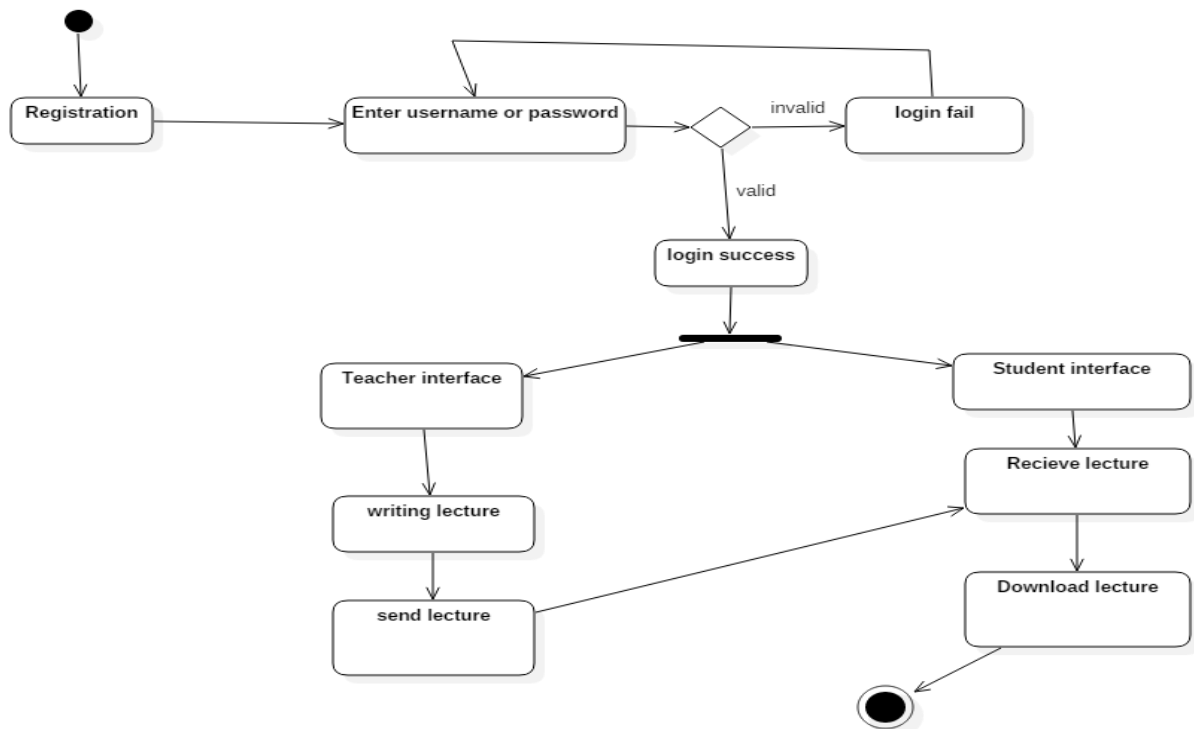
Module 2: in this module lecture is received by the student from the teacher in the class on the spot via data sharing android application it includes notes.

Module 3: in this module the admin manage all data that communicate between teacher and student. The admin convert hand written data to text format and arrange it in well documented for using OCR.

2. Draw detailed STATE CHART DIAGRAM of your FYP Project along with description

STATE CHART
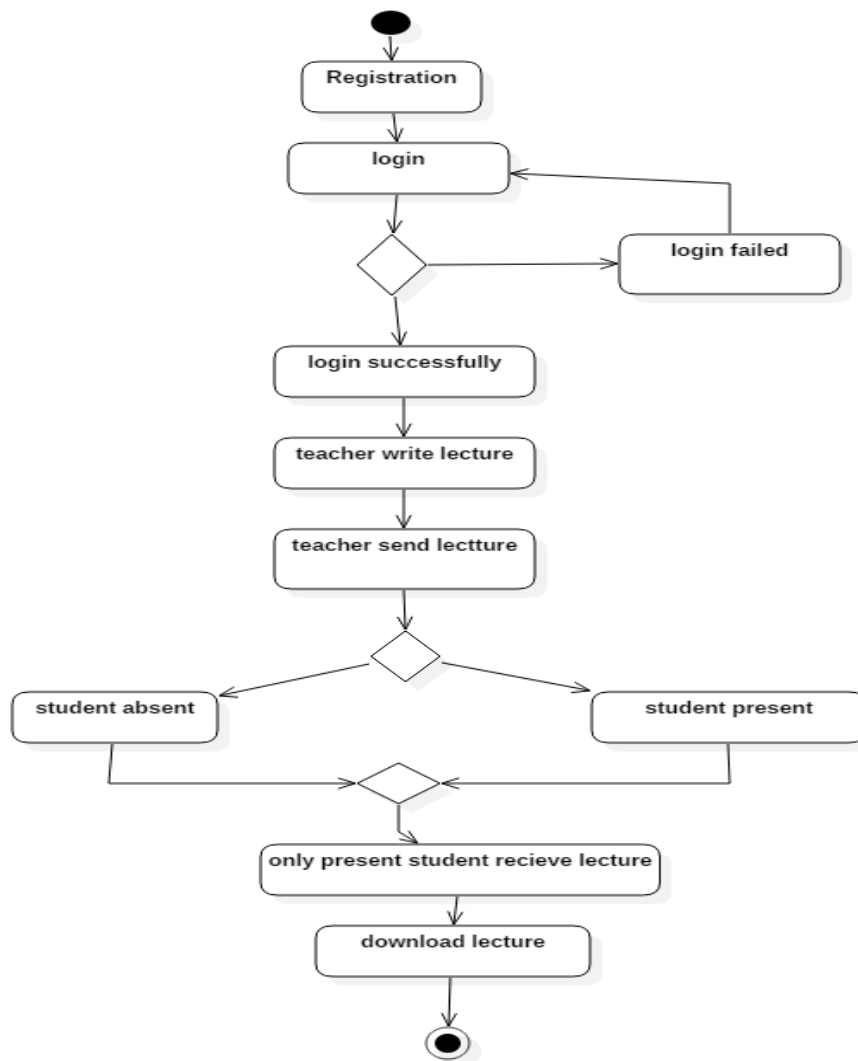
DATE SHARING ANDROID APPLICATION

DESCRIPTION

In state diagram when the student or Teacher is registered and login. If username and password is incorrect then go back to the Login page if username and password is correct then proceed further. When the student is login the there are two terms teacher interface and student interface . In teacher interface the teacher writing a lecture in it and send it to the student on the other hand in the student interface the student receive the lecture and download the lecture.

3. Draw detailed ACTIVITY DIAGRAMS of your FYP Project along with description

ACTIVITY DIAGRAM
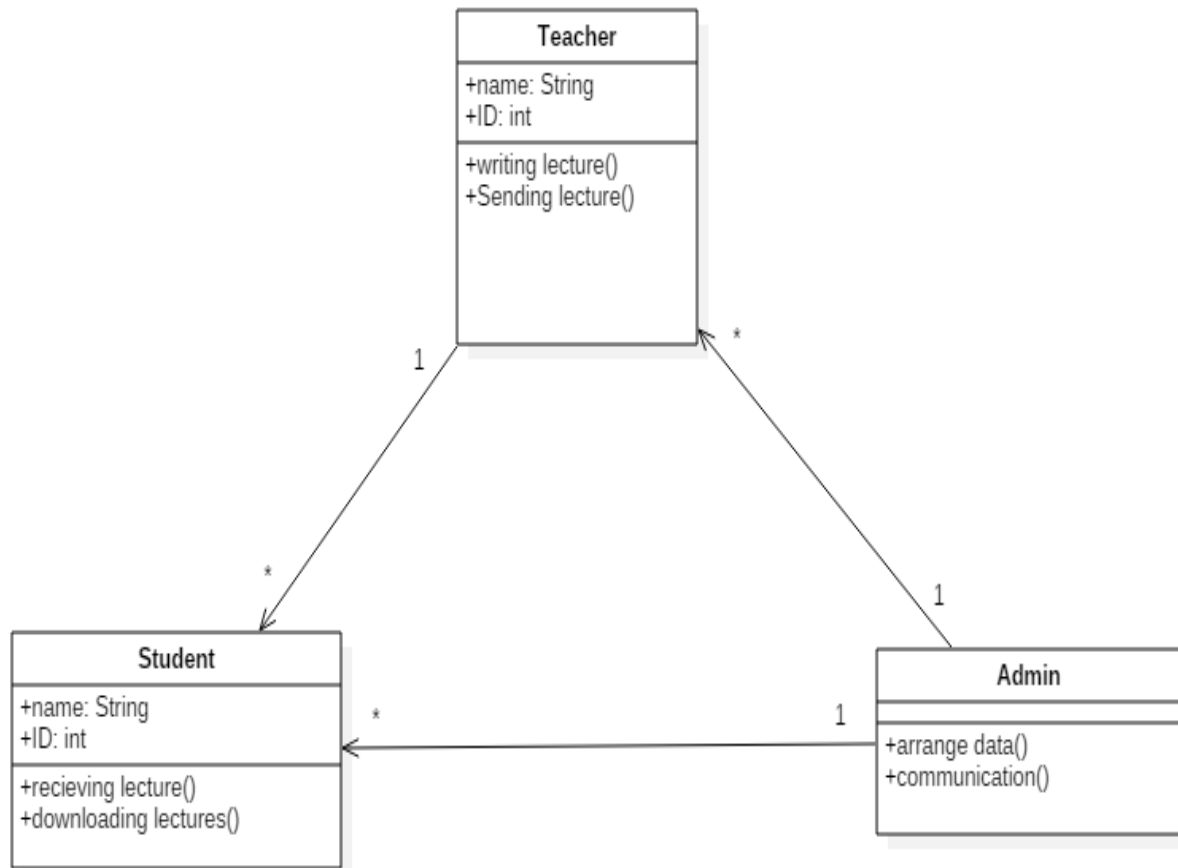
DATE SHARING ANDROID APPLICATION

DESCRIPTION

In Activity diagram when the student or teacher is registered and login. If username and password is invalid then go back to the Login page if username and password is correct then proceed further. When the teacher is login the teacher can write a lecture and send to the students. When Student is login the Student receive the lecture only those student who is present in the class and download the lecture.

4. Draw detailed CLASS DIAGRAMS of your FYP Project along with description

CLASS DIAGRAM
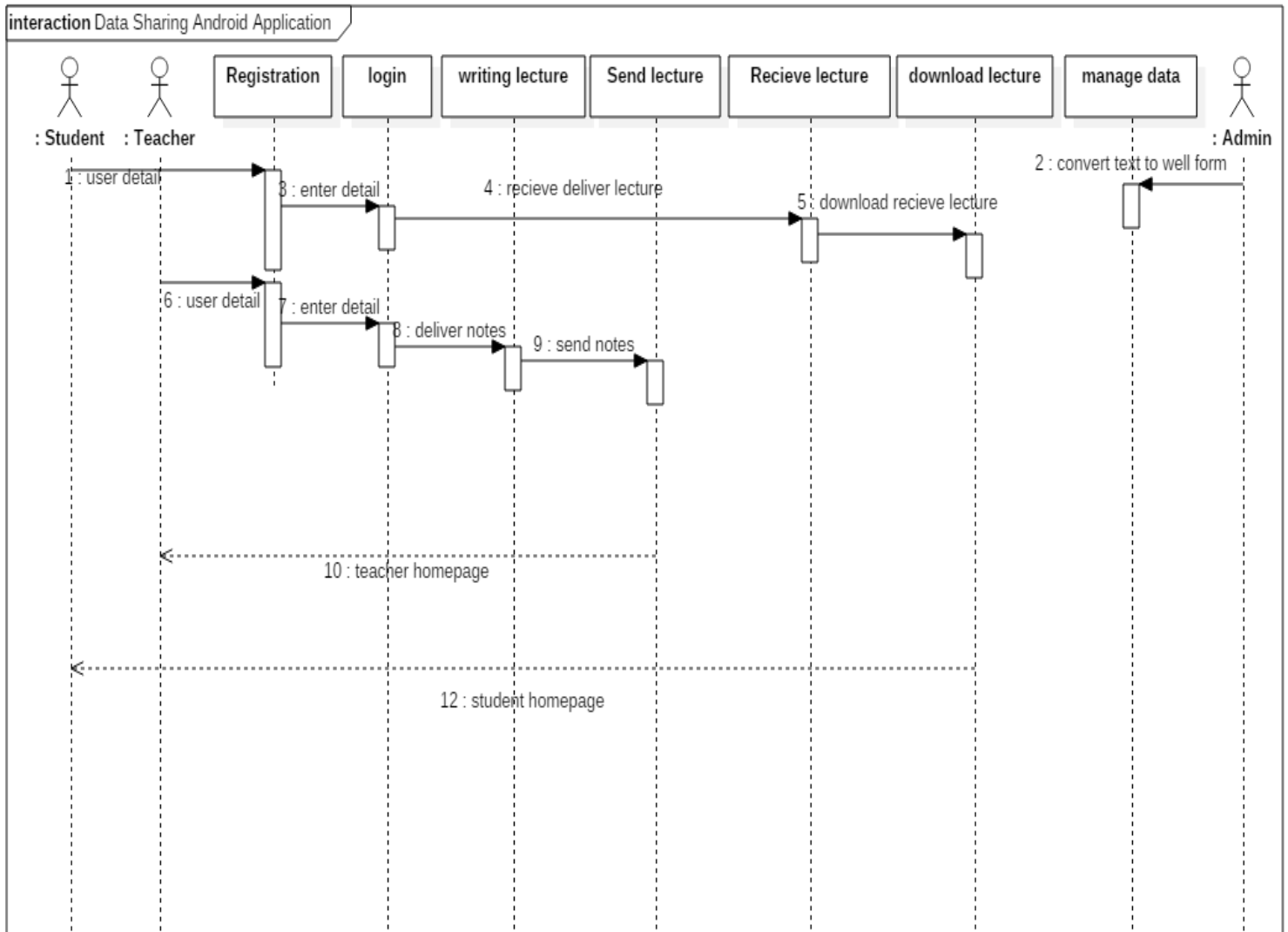
DATE SHARING ANDROID APPLICATION

DESCRIPTION

In the class diagram we have three classes teacher, students and admin now in teacher class we have attributes such as name, teacher operations are writing lectures and sending lectures now. In student class we have attributes such as name, ID . Student operations are receiving and downloading lectures. Now in admin class operations are arrange data and communication.

5. Draw detailed SEQUENCE DIAGRAMS of your FYP Project along with description

SEQUENCE DIAGRAM

DATE SHARING ANDROID APPLICATION

DESCRIPTION

In the sequence diagram the student and teacher are going to register themselves then login in it. When the teacher login he/she will go to teacher interface and deliver a lecture in written form after that he will send to the student. When the student login he/she will go to student interface . Student just receive lecture and download only present student in the class. The admin will manage the data and convert written text in to well documented text.