# Introduction to Database Systems
# Study Station
# Project proposal
# Team Number: 11

**Team Members:**

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**Abstract**

Students go to schools or universities to learn, but they may have difficulties in understanding some courses or concepts, so they have to make extra effort to understand the concepts and to get high scores in exams, so students have to work and help each other to learn and understand .

This Project is an android app aims to facilitate communication and cooperation between students and link them so they can find each other easily, share their effort and ask questions and get answers .

Using this app they can make groups related to course, ask questions and get answers, share thier notes (videos or pdfs) with other students, access others notes, make their self-studied courses , and follow other student, or ask general questions not related to specific group and get answers.

# 1 Users

1. students

    - log in .
    - sign up.
    - update personal information.
    - join and make groups.
    - ask questions and answer them in group.
    - make selfstudy course.
    - ask question and making answer in forms.
    - upload thier notes and videos and attach them to a course.
    - follow other student.
    - search on group or student.
    - view others profiles.
    - rate another student.

2. guest

- view answers and questions.
- search students.
- view students profile(videos and notes).

3. moderator

- modify courses list .
- modify courses contents.
- search students.
- view students profile.
- handle question tags.
- sign up.
- log in.
- update personal information.

4. Admin

- ban students.
- delete groups.
- adding or deleting moderators.
- sign up.
- log in.
- update personal information.

# 2    entities

1. University

- faculties.
- name.
- logo.
- region.
- rate.

2. Faculty

  - departements.
  - name.
  - university.

3. Departement

  - courses.
  - name.
  - tags.

4. students

  - name.
  - e-mail.
  - university.
  - followers.
  - groups.
  - rating .
  - notes and play lists.
  - self studied courses.

5. course lable

  - departement
  - university (or site for online courses).
  - tag
  - name.
  - content.

6. self-study courses

  - student (maker).
  - enrolled.

- tag.
- name.
- content.

7. group.

    - name.
    - admin.
    - questions and answers.
    - date.
    - members.
    - related course.

8. tag.

    - name.
    - description.

9. questions and answers

    - votes.
    - owner.
    - date.

10. student playlist and notes

    - links.
    - votes.
    - student.
    - related course lable.

11. moderator.

    - name.
    - e-mail.
    - signing up date.
    - related tags.