

# E Learning Based On Cloud Computing

The E learning systems will help students and instructors in the online learning process. The importance of online learning is increasing especially in these days so the E learning system will help in this situation.

## Specifications:

- **Admin login:**
  - Admins have to register the students into the system and create an account for each student.
  - Admin is the one who administers the system by adding or removing files into and from the system respectively.
  - Admin can schedule a quiz and determine its time.
    - The System will send notifications to all students enrolled in this course informing them with the quiz date.
  - Admin can schedule and host an online lecture using video conference.
    - The System will send notifications to all students enrolled in this course informing them with the lecture date.
- **User login:**
  - Students can login into the system by entering their email id and password.
  - Students will have the ability to change the default password if they want.
  - Students will be able to see the available courses and choose the courses they want to register.
  - Students will see the courses they registered for. For each course they can see the files uploaded by the admin for this course and can see in this course's page the date of the next lecture and if there is any quizzes.

- Students will get notification whenever the admin schedules a quiz, and will be able to solve it during the determined time and get their grades.
- Students will get notification whenever the admin schedules an online lecture and will be able to join the video conference.

**Goal:**

Our main goal is to build a software solution that eases the process of learning especially in the dilemma we are living in. We will have a web site and a mobile application to help students and instructors use the system anywhere.

**Advantages:**

- Administrator doesn't have to keep a manual track of the users as the system provides files download facility.
- Admin can keep updating the system by providing the new files arrival in system and their availability thus students need not to go to library for issuing purpose.
- Cloud server allows numerous users to read files, watch videos online at the same time.
- Thus, it saves human efforts and resources.

**Applications:**

- It can be implemented in:
  - Schools
  - Colleges and institutes
  - Organizations

**Technologies:**

- Web design and development
- Cross-platform mobile development

- Cloud (Firebase)
- Web RTC

### Participating Students:

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مي عبد الجواد احمد	جيد جدا
مينا ميخائيل يعقوب	جيد
مينا حمدي بدير	جيد
يوسف عماد يوسف	جيد
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