A
Project Report
on
StudentCloud

Developed by
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Guided By
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DHARMSINH DESAI UNIVERSITY
NADIAD-387001, GUJARAT

CERTIFICATE

This is to certify that the project entitled "**Database Management System For Studentcloud**" **is a bonafied report of the work carried out by**

Mr.Devanshu Brahmbhatt, Student ID No: **17ITUBS050** of Department of Information Technology, semester V, under the guidance and supervision for the subject Database Management System. He was involved in Project during academic year 2019-2020.

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We owe our deep gratitude to our project guide Prof. Roshni M Raval, who took keen interest on our project work and guided us all along, till the completion of our project work by providing all the necessary information for developing a good Database System.
We are thankful to and fortunate enough to get constant encouragement, support and guidance from all Teaching staffs of IT Department which helped us in successfully completing our project work.

Thanking You,
Devanshu Brahmbhatt(IT 010)

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1. SYSTEM OVERVIEW

1.1 CURRENT SYSYTEM:

• The Studentcloud Database project is an application through we can provide different facilities to the University students.

• The idea of Studencloud database arose out of common need of examination-papers. We need previous year papers every time as well as we also need study materials from the faculties. So there should be common system for both of these needs.

• Studentcloud Database was developed to achieve these two functionalities.

• In Studentcloud there is also section for faculty memeberes. This section is divides into two parts HOD and the Proffesor section.

• In Studentcloud Facilities can upload the study materials for students as well they can also communicate with each other. Also they can upload attendance sheet sessional wise and send text-message to the students who has less than 70% of attendance in particular subject.

• User can access the all the functionalities by creating the account.

• By creating the account student can get the direct Appointment from faculty via emails so student need not to wait for the faculty.

• There is also Admin section in which admin can upload the papers for students and manage students.
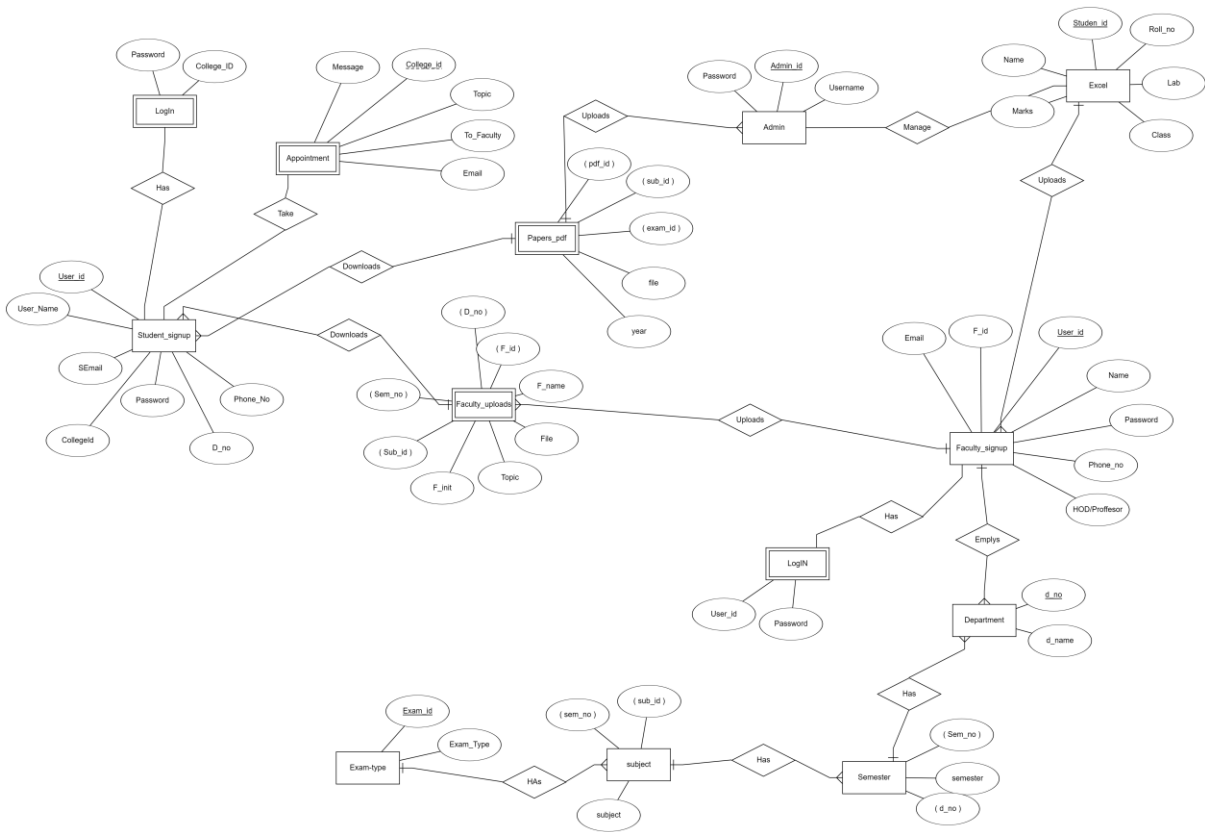
1.2 OBJECTIVES OF PROPOSED SYSTEM:

• Student can download exam-papers and study materials.
• Head of the department and faculty can communicate with students directly.
• Student can take appointment from the faculty.
• Faculties can send important notification or notice to each-other as well as to the students.
• Faculty direct get studentid who has less than 70% of attendance

1.3 ADVANTAGES OF PROPOSED SYSTEM:

• Student can download papers and study materials anytime anywhere.
• After every sessional student immediately get notification of lesser attendance.
• Student can take the appointment of faculty so that it would be so great for faculty and also the students.
• Students will receive direct text-message from the faculties.
• Faculties will receive direct text-message from the HOD.

2. ER Diagram

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- **2.1 Entities:**

1. signup
2. pdf
3. excel
4. faculty
5. faculty_signup
6. department
7. semester
8. subject
9. exam_type
10. admin

2.2 Relationships:

• Department has one to many relationships with Semester. (Relationship Name: has)

• Semester has one to many relationships with Subject. (Relationship Name: has)

• subject has one to many relationships with exam_type. (Relationship Name: has)

• papers I.e PDF has many to one relationship with subject. (Relationship Name: Have)

• students has one to many relationship with pdf. (Relationship Name: download)

•students has one to many relationship with faculty (Relationship Name: download)

- faculty_uploads has many to one relationship with faculty. (Relationship Name: uploads)

- faculty has one to many relationships with excel. (Relationship Name: upload)

- **DATA DICTIONARY**