

Database Project Proposal

Learning Forum

Mobile-Application



**TEACHING & CAREER
GUIDANCE FORUM**
T A C G F

Course Code	
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Introduction

Primarily, the scope pertains to the Education Sector for making. Developing a System to promote a greater count of students to splurge into the field of Education. which bridges the gap between them and is a relevant space to connect with each other. It will usher in the immense flexibility and sophistication in the existing learning platform structures, with the perfect blend of synchronous and asynchronous interaction. It provides a means of collaborative learning for the students.

There are 2 types of users:

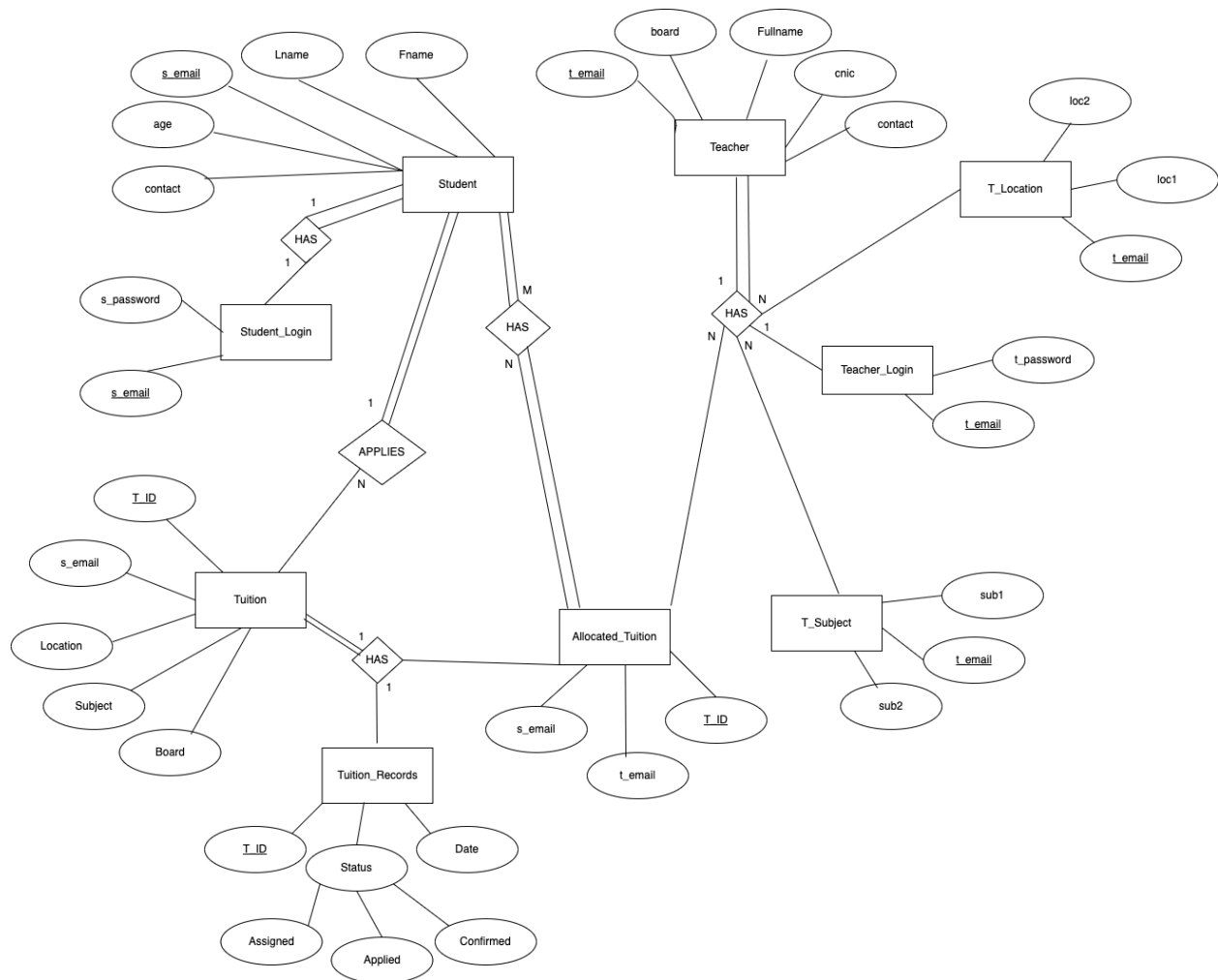
- Student
- Teacher

The benefits of having this forum is that students and teachers can connect according to their preferences of Board, Subject and Location.

Teachers can find their perfect job and students can find the type of teacher they wish to learn from.

The system will provide easy-to-access app based service which can give management an effective means of managing all resources.

Entity Relationship Diagram (ERD)



Normalized Tables

TEACHER (EMAIL(PK),FULLNAME,CONTACT,CNIC(UNIQUE),BOARD)

STUDENT (EMAIL(PK), FNAME,LNAME,AGE,CONTACT)

TUITION(TUITION_ID(PK),EMAIL(FK STUDENT(EMAIL)),LOCATION,SUBJECT,BOARD)

TEACHER_LOCATION(T_EMAIL(FK TEACHER(EMAIL)), LOCATION1,LOCATION2)

TEACHER_SUBJECTS(T_EMAIL(FK TEACHER(EMAIL)), SUBJECT1,SUBJECT2)

TEACHER_LOGIN(T_EMAIL(FK TEACHER(EMAIL)),PASSWORD)

STUDENT_LOGIN(S_EMAIL(FK STUDENT(EMAIL)),PASSWORD)

TUITION_RECORDSTUITION_ID(FK(TUITION)),STATUS,DATE)

ALLOCATED_TUITION(TUITION_ID(FK(TUITION)),S_EMAIL,T_EMAIL)

Tools and Technologies

- Android Studio (Mac/Windows)
- Sqlite Database
- XML-Frontend Development
- JAVA-Backend Development

