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## SQMSA: Student Query Management System in Android

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**Abstract:** Student Query Management System (SQMS) is to create an application that can provide query management system through android mobile phones. Student Query Management System android application tracks all the difficulties of a student from the day one to the end of his course which can be used for all reporting purpose, tracking enrollment, progress in the course, completed semesters years, final exam query and all these will be available for future reference too. We are proposing the android application that will help to students as well as to teacher. In this application student login is designed such as they can ask difficulties or queries of any subject at any time to any teacher staff and can get the reply from them as possible. As teacher staff there will be reduce in manual work they can easily upload the exam time table and respective subjects notes also notices.

**Keywords:** SQMSA, Android, reporting purpose, SQLite, progress in courses.

### 1. INTRODUCTION

The student query management system is software developed for student query in particular subjects. It facilitates to access the query related information of particular subject in particular chapter. Students information is obtained from the registration form [2]. The information is stored by the operators, which will be provided by the teacher for a particular subject. We are proposing a system that will solve the queries of students in which they are facing difficulties in their subjects. The query management system is advance system that can help to students. If they are not comfortable to ask queries in class related to subject's teacher then through this application they can be ask their difficulties. All queries can be visible to all students. In this system we are providing facility to those students that they can get immediate replay from respective staff. All the data is stored securely on SQLite database managed by the college administrator and ensures highest possible level of security [1]. A student query management system is designed to help colleges from management of student query. Extensive information is available at forum through this android system. Viewing student data, managing admission and reshuffling, quota, board, semester, faculty, category and for examination, block allocation, subject management, scheduling exam, result and related issues are made simple and easy.

### 2. LITERATURE REVIEW

The Student query management system proposed by Apte sir [3]. Mitchell, 1993-Schooling was perceived

as the key to success for individuals and to the excellence of society [6]. In England and Wales 1870-76 for free and compulsory education [7]. Ednexa aims to bring complete coaching activity online. Features we provide currently are a testament to this fact [3]. We are striving to provide new features to make online coaching as effective as possible. Some of the features we provide currently are :A)Detailed online notes for all chapters in downloadable and printable format. B)Online Multiple Choice Questions (MCQ) tests with instant results. They also provide detailed analysis (comparison with topper and average score, percentile rank, performance over time etc.) and complete explanation of answers to the questions in tests. C) Online test series containing numerous tests on every subject. These tests cover whole syllabus and are based on actual exams. D) Live Webinars (Live Online Lectures), in which every chapter is taught online in real-time. All webinars are conducted using latest technology and interactive. All the webinars are recorded .Recordings are uploaded on ednexa.com and can be viewed any time and any number of times (for all subjects). E) Online query solving for all academic queries. F) Question papers with model papers as prepared by expert and experienced professors. G) Online Timetable Planner application to create effective timetable for preparation of various exams. H) Special online teacher training program to guide teachers from various institutes regarding recent updates and teaching methodologies (as part of institutional package) [4]. Student information management

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system developed independently by School of information science and Engineering of Shandong Normal University, this paper introduces database design, specific realization of each function module and key technology used in the system [5].

### 3. PROPOSED WORK

The new proposed system work on student query management system.

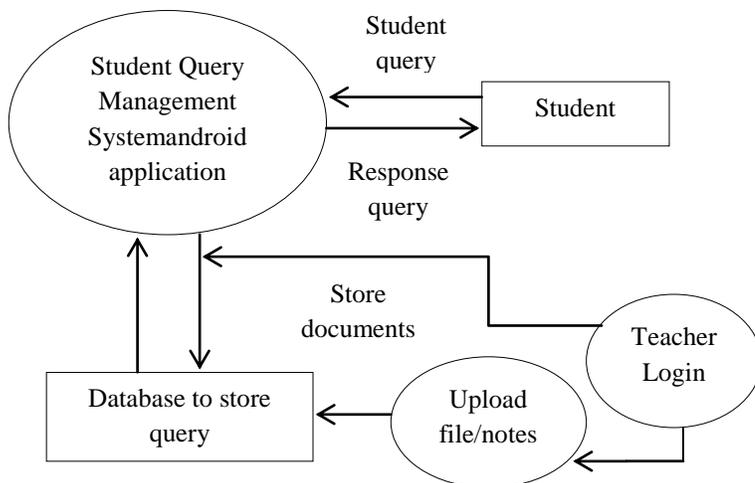
#### 3.1 PURPOSE

The purpose is to design a student query management system which contains student can ask the difficulties of any subject's [1]. The main purpose is that to make student's concepts clear and fulfill the subject's requirements. Also less manual work of teacher can be reduces through this application. Teacher need not to announce notice or make a hard copy of notes. By simply uploading the notes as well as exam time table the manual work can be reduces.

#### 3.2 OBJECTIVE

- Improve the academic administration processes leaving more time to concentrate on our core activities of teaching, learning and research.
- We propose and implement a new and realistic system for student's as well as for teacher's as through this system students can ask queries at any time and get quick replay from teachers. Teacher can upload assignments, notes and updating about extra lectures, exam time table and notices also. This will reduce the manual work as well as paper work.
- Help to access the system to all necessary personnel.
- Effective student query management.

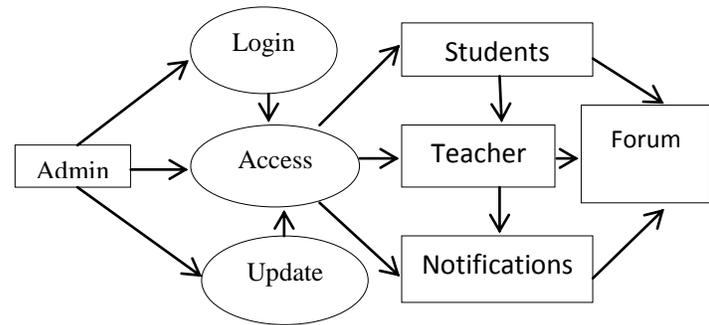
The simple design of Student Query Management System as shown in figure 1.



**Figure 1:** Implementation of Student Query Management System

## 4. MODULE

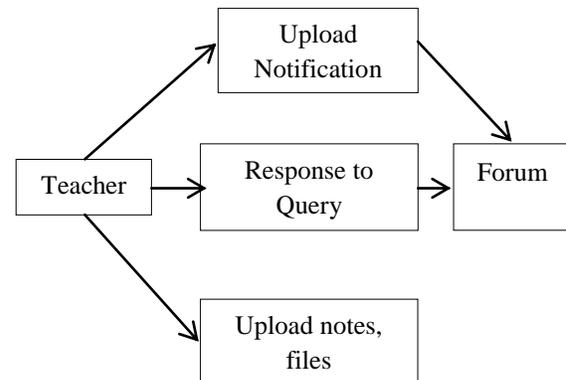
### 4.1 ADMINISTRATOR MODULE



**Figure 2:** Administrator module

The administrator is responsible for entering the new student, promoting the student from one class to another class, from one semester to another and from one year to another. Managing the students account like any changes regarding to name, address etc. The administrator also manages the faculty accounts like entering a new faculty, assigning the faculty to the subjects. The administrator will check the all updates i.e., student updates, faculty updates, exam updates etc. [1]

### 4.2 TEACHER MODULE



**Figure 3:** Teacher Module

The teacher can update the information regarding the students query and any information regarding the subjects they handle. The teacher also gets the updates and notification from the exam session etc. [1] in the forum.

## 5. CONCLUSIONS AND FUTURE WORK

This study is an initial exploration of how data captured by learning management systems can potentially be used by the academy for measuring, informing and improving student query, as well as for comparisons between LMS. Variables such as teacher participation, mathematical queries, notes and notices

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are identified as factors that influence student query management system and are factors that require further research before their influence on query management system can be fully understood. This study into student query management system has shown that while universities are not significantly utilizing captured learning management system data to make informed decision, it has the potential to become an additional resource that can be used to inform and improve student management.

In future we can also provide study material, online test papers, student's for various descriptive and competitive exams in India.

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