AIM:

1. This application is aimed to bridge the gap between teachers and students. It is a doubt submission application for students in schools and private tuitions and institutions.

2. The objective is to enable even the most hesitating students to have the freedom to ask whatever the questions they want, anytime they want, without having to disclose their identity to the teacher.

3. It is done through by making the data accessed by the teacher free of any data related to the identity of the student.

Prerequisites:

- JDK
- NetBeans
- MySQL
- WAMP Server

Our Project:

Now let us **UNDERSTAND:**

THERE IS A CLASS OF 20 STUDENTS AND A TEACHER. THE TEACHER ASSIGNS A BOOK AND A CHAPTER AS HOMEWORK FOR THE NEXT CLASS (HC VERMA, chapter 2, questions 20)...THE STUDENTS IN THEIR HOME USUALLY SOLVE PROBLEMS AND DOUBTS POUR IN. HERE COMES OUR APPLICATION "Clarify" WHICH TAKES INPUTS IN THE FORM OF

- INPUT STUDENTS GIVES:

>>SUBJECT NAME (can have more than 1 subject.)

>>TEACHER NAME (can have more than 1 teacher for a particular subject.)

>>BOOK NAME (can be taught multiple books from a teacher.)

>>CHAPTER

>>QUESTION NUMBER CHECKLIST APPEARS (here the student checklists the question he/she wants to clear in next class)

- OUTPUT TEACHER GETS:

>>Class ID (Unique for all classes registered in the app.)

>>Book Name

>>Chapter Number

>>Question Numbers (total doubts)

EXAMPLE:

No. Of TEACHERS=1, STUDENTS=4

DOUBT SUBMISSION PAGE(out of 20 questions)

STUDENT 1 Question no.	STUDENT 2 Question no.	STUDENT 3 Question no.	STUDENT 4 Question no.
1	2	3	12
3	3	5	15
4	5	9	18
6	7	11	11

OUTPUT **(<u>WHAT TEACHER GETS TO SEE</u>):::**

CLASS NUMBER-B11

BOOK NAME-HC VERMA

CHAP-2

QUESTION NUMBERS	STUDENTS (OUT OF 4) FOR THIS QUESTION PRIORITY
1	1
2	1
3	3 * should be solved with more details
4	1
5	2
6	1
7	1
9	1
11	2
12	1
15	1
18	1

INFERENCE:

We always see in a class many students who come to clear their doubts some have a lot of them (say, HAVING 15 DOUBTS IN THE ASKED TWENTY QUESTIONS). They are not able to ask all of them because of the **peer pressure** from friends like "it's an easy question dude", etc. and you get **demotivated and ashamed of asking any further**. All this happens just because you have an identity tag and respect. You don't open up. **Think** What if you become **anonymous**! you get to ask as many questions you want to your specific teacher. This app gives a huge **freedom** of solving every student doubts from specified chapter and book registered under that specific teacher. Here a teacher gets a specified target of clearing all the doubts of students first without even calling out them in the <u>next class</u>. After its done the teacher can carry on the class with advanced level and deeper topics regarding chapter.

NOW THE CLASS GROWS AS A WHOLE NOT for some already intelligent individuals. Because together we are something.

SCOPE OF THIS APP:

>>private tutors and their students

>>school teachers and their students

>>institutional teachers and their students.

  all over the world.

BENEFITS:

>>easy to register and use.

>>gives a target to achieve for teacher (to clear required doubts)

>>prioritizes the questions as per their total submissions from different students

>>allows students to checklist question freely as they go anonymous.

>>increase motivation and confidence.

>>bridges the gap between teacher and student.

>>accessible 24X7.

>>advertises physical relation and understanding between student and teacher rather than virtual online experts (local teachers gain confidence).

Some problems and their solutions:

>>Some students can send the all questions as doubt:

Solution: We send details (email and contact) of student who send more than 3/4 questions to teachers so that teacher can consult with him/her individually.

WHAT NOT DONE AND WHY:

1) NOT SENDING STUDENTS NAME TO TEACHER

ANS-BECAUSE IT CAN HAVE VULNERABILITY OF SPREADING OUT AND HAMPER THE IMAGE AND CONFIDENCE OF STUDENT POSTING MOST NUMBER OF QUESTION. BUT A STUDENT IF POSTS MORE THAN (TOTAL QUESTION-5) HIS DETAILS SHALL BE SENT TO THE TEACHER FOR COMM. REGARDING PROBLEMS IN HIS CONCEPTS

2) NOT ALLOWING STUDENTS TO SEND QUESTIONS IN TEXT FORMAT:

ANS-THIS ALLOWS SOME ILLMANNERED STUDENT TO POST SLANG LANGUAGES AS THE SUBMISSIONS GO IN ANONYMOUS MODE.SO CHECKLIST LIKE QUESTION NOS ARE OFFERED ONLY.

3) NOT ALLOWING ONLINE EXPERTS:

ANS-BECAUSE IT CREATES COMPETITION FOR LOCAL TEACHERS AND DOES NOT ALLOW THEM TO EVOLVE. AND THERE ARE ALREADY OTHER APPS LIKE THIS MADE.

FUTURE DEVELOPMENTS

>>LINKING THE APP WITH SMART CLASSES WILL PROVIDE A SEAMLESS IN-CLASS EXPERIENCE.

>> PROVING A PLATFORM FOR CONVERSATION AMONG STUDENTS, ANONYMOUSLY.

>> DATABASE WILL BE CLEARED AT THE END OF EACH ACCADEMIC SESSION.

WHY THIS ACTIVITY-because this activity supports:

>>**TIME FACTOR**-less time taking

>>**TEACHER SUPPORT**-this allows teachers to make themselves technologically aware and connect to students more closely in their respective subjects.

>>**ADULT LITERACY**-this also develops the literacy rate of adult teachers in field of technology.

>>**CHILD DEVELOPMENT**-allows complete clearance of doubts in each and every chapter taught by the teacher

>>**HAPPY SCHOOL**-makes school teaching student friendly and smart approach.

CONCLUSION-Our **CLARIFY** app therefore is a brand new form of connectivity between teachers and students in physical world using virtual world connectivity rather than student and online expert in virtual world. Here no student is worried or afraid of asking doubts as he is anonymous to his peer groups and their demotivating comments. So **never stop Asking, never stop Rising.**

ATTACHMENTS:

- *Algorithm*
- *Documentation*
- *Source code*

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