Motivation:

With todays busy life and emergencies it is some time hard to get to the school. Also, with increasing student to instructor ratio , it is harder for teachers to spend more time for a particular student who is not able to follow with the rest of the class. With all of the points in mind, it motivated us to do an educational application which help student, give them more material and more practice. Giving them help to grad exam papers will give extra time to teacher that can be spent with students who need more help.

Objective:

Our objective is to develop an educational application to help student who need extra help in studies and teachers.

Give the student extra tutorials and descriptions available all the time.

Parents and teachers can see the student’s growth and identify student’s difficulties.

Teachers can grade papers with software thus giving them more time to focus on students.

Significance:

If he weather is bad student can still use this app to continue the classes. This app also provides student a personal tutor. For the kids who does home schooling it will be a great help to parents to track the kids progress and check his knowledge with standard grading. If parents have to go somewhere on a trip, student can still use the app to keep him up to date with the school so he does not have a burden of weeks worth of work when he gets back. Parents can view the report of the student’s progress and help him if he needs extra help. Putting the app on phone makes it easier to excess and fun. If time permits, we can extend the app to present the question in a fun game. Like doing the sum with images, navigate a character to unlock the stage have to give the right answer of the question. All this fun ways will motivate the student to study. Phone is a must now a day and easy to carry around. Parents can finally be happy to let their kids play with phones.

System features:

Application will store question and answers in DB. That student can access for preparation. There can be trial exams from the given questions. Selective and multiple-choice answers can be graded by application. For a trial test, application look for a final answer of a math problem if it does not match gives a student the option to send it to teacher to help him understand the mistake. Teacher has an option to take online test. He can upload the test question and solution on the application and student can take the test. For objective answers it can correct the problems and send the subjective question to teacher for correction.

Documents that explains material and question answer can be viewed and on doubt student can reference it and ask question to teacher.

Application can keep track of the students performance and can be viewed in report to check his progress.

We will store all the information in database. Application will use web services. Teachers with proper authentication can access all of the data, study material, student progress, different graph of student’s understanding of a topic.

Backup project:

An application to store the grades of the student. Application stores all of the grades even the past grades thus decreasing paper trail and students can access them from anywhere. Also, students gets notification when new grades are uploaded so they don’t have to keep checking to find out if the grades are posted.

Related work: