

Online Test Portal

Company Background

Two minds technology manages and runs the biggest platform for engineers in the world. The company is running various programs and Apps for engaging with the users. The Apps by the company are most download engineering apps in the world.

Two minds connect and partners with various companies and colleges in the education space providing the education material to the students. It also has a forum which hosts primarily user generated content. Millions of users visit the platform every year to download, read and interact with fellow users on the content.

The company is experimenting with the skill development of the users with various programs and now also targeting users other than engineers to explore, read and interact with other users on the platform.

Project requirements

Educations institutes globally are using technology for teaching, testing and assessments. The use of technology helps teachers and students to get the tests done post-classes. For students it helps to practice and gain the much-needed information and for the teachers it helps in getting assessments done along with marks. It helps teachers to also track the student basis the scores and the much-needed help in various topics. Two minds tech is partnering with various educational institutions. Many of these educational institutions use different learning management systems such as Blackboard, Moodle, Eliademy or custom-made solutions. These learning management system has some quizzing modules but they are very basic. It does not provide teachers or administrators much freedom to design the tests. The company would like to develop an independent online test portal which could be used by its partners on a subscription basis.

It will include the following

1. Institute login, student login, Admin login etc.
2. Roles to be defined at the institute/school page like school admin, teachers, Students etc.
3. Profiling of teachers & students and should mention class, roll number, courses etc.
4. Teachers can upload/create a test with answers types, timer, hints, and other appropriate attributes.
5. The test result should be shown in an intuitive layout with graphs and other graphical components.
6. The portal should provide analysis of student's academic performance and should contain the questions attempted, scores, courses & chapters.
7. The results/reports can be exported in CSV or XLSX format.
8. List details of the tests to be taken by the student. Tests to be attempted, tests scores, retests and so on.
9. Admin can add/delete/modify an institute, teacher, student. It can change the website accessibility, maintain security and checks against hacking for answers and assessments. He can also customize the website as per institutes request.
10. Institute/school can enroll themselves after signup and paid fees of \$1 per student.
11. The test portal should have **features like announcements, deadlines, etc.**

Here is project team should be able to achieve

1. Build an innovative UI for Q&A pop up. Should be objective all the time.
2. Scoring sheet should present a graph, stats for results and should be different for student and a teacher.
3. Analytics providing summary about how all students did in a test and a student did across many tests.
4. Users can upload their own test in wide variety of topics or they can upload a question as well
5. The project could be integrated into any website of the school/colleges

Before the development commences, the project team is required to analyse the requirements and prepare a design document for the portal. Show this design document to different teaching staff to see whether this test portal will be able to meet the requirements of the teaching community. After satisfactory and positive response from teaching staff, the team can commence the development.