Online Testing System (OTS)

Introduction:

Online Testing System (OTS), facilitates users to take tests in different disciplines. Admin will be able to add new areas of exams in the system, once the admin provide all the information needed for test will be automatically displayed on front end and ready to use for exam purposes. The system will provide an interface for admin to manage all the contents. The system will have two types of users, a)Guest b)Registered

Overview:

* The user will have access to select a test from different disciplines.
* Each discipline will have a set of tests in various number of questions (for example: 20, 30, all)
* The user will view one question at a time, once the question is answered, the system will give feedback and then the user will be able to proceed to the next question.
  + If a critical question is answered incorrect by the user, the system will show the correct answer and show a note why the system’s answer is correct.
* At the end of the test, the system will show a summary of the results along with all the questions with the user’s answers (if a question is wrong it will show the correct answer as well).
* After each test the user will be able to select another test.
* Some tests will have prerequisites (one test has to be completed in order to move to the next).
* Guests users will be able to conduct a test without registering, but the result won’t be saved.
* Registered users will be able to sign in and after each test is done, the results will be put into a report and saved under the user’s username.
* Admin will be able to add more disciplines, and/or tests.
  + Have access to database where the question and answers will be stored
  + Have access to all the user data and the number of tests performed and the results.
  + Access to which tests are accessed more than others (view/click count).
* Contact form will be added where guests/registered users will be able to send a request for more information.

Use Case Diagram: DONE

Database Design: DONE

Class Diagram: DONE

Classes:

1. Users/students
2. Disciplines
3. Discipline Details
4. Tests
5. Questions
6. Answers
7. Results
8. Advertisements