

Exami-Nation

Project Charter

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Problem Statement:

When trying to make a custom exam, the first instinct is to make it on paper or word documents. Then it gets printed out, solved by the test taker, graded by the examiner, and the grades are delivered to the respective people. This procedure is widely used and has no problems other than the fact that it takes us a lot of time. Especially the grading and results part. It is very time consuming to manually grade and deliver the results.

We want to solve this issue by creating a website which will be accessible from anywhere, but by authorized users only. The tests will be created on the website and stored in a database. All questions, options (if multiple choice) and answers will be stored. It will be administered online as well. Instant grading of multiple choice questions. The test takers will just be able to log into their account and see their results. This should effectively reduce the amount of time spent on each test by testers. Our project will be different from others because owners of the test can choose the publicity of the test such as public, only to known users, or only to allowed users. Also, it will help the creators of exams visualize how difficult the questions are, and how well people do on them.

Project Objectives:

- Build a platform upon which users will be able to create their own exams and quizzes in a diverse amount of manners.
- Utilize a database to keep track of users as well as created exams, allowing users and admins to keep track of scores and deadlines.
- Create a program that alerts users on important due dates of exams which will be determined by the test giver.
- Create a forum where users could communicate about the exams
- Create a visual representation for exam creators on the exam results.

Stakeholders:

- a. Developers: Arka Acharya, David Lee, Austin Miller, and Essen He.
- b. Users:
 1. The people who will be creating and administering the tests.
 1. The people who will be taking the tests.

Deliverables:

1. The website that will be delivered will be an efficient (to the best of the developer's ability) examination application with a user-friendly environment. It will be browser and platform independent.
2. This website will work on all web browsers running on any operating system.
3. The website be using Django as its base framework.