

Authorization & Migration Wrap-Up



Authentication Lab

Create an MVC Code-First app with at least two entities that are related. Please **do not use** any entities that we have used in class examples or in assignments. If you need some ideas, here are some possibilities:

- Songs/Artists
- Games/Publishers
- Employees/Departments
- Houses/Realtors

Use Code First and allow for **individual user accounts**. There should be a Register link and a Login link on the navigation bar when a user first runs the application.

A user that has not logged in should not be able to change any of the information in the database. In other words, they should not have access to any pages that create, edit, or delete records. They should, however, be able to see the Index and Detail pages.

Enter at least 3 values for each entity.

Fix the code so that the columns are in the correct order for the pages that list the entities. Also fix any "Detail" page so that the information is in the correct order.

Create a video showing me that an unauthorized user cannot add an entity but that once the user logs in, they are able to do it. In the video, go through the process of adding one entity for each type.



https://quizlet.com/_8pd2di?x=1qqt&i=2z3456

New Quizlet Questions

Remember to click on **Flashcards** over in the left menu in order to practice answering the questions. Click on each question to see the correct answer.

Question 1:

Where does Authorize go? Above a property, method, controller, or model?

Question 2:

When does a migration need to be done?

Question 3:

Under what conditions would you ever use [AllowAnonymous]?



Test Next Week!

There will be two parts that you can take at home. The parts may be taken in any order and you don't have to do them both in one sitting. They will both be timed!

Paper and pencil part:

Short-answer and multiple-choice questions similar to quizzes. **Study as if you cannot use your notes because there will not be time for you to look up your answers!** You will have 45 minutes to complete this part.

Computer part:

- Starting with a scenario that I give you regarding two related entities, create an MVC app using Code-First with individual user accounts.
- Restrict certain pages based on log in and be able to fix the views.
- Record video running the application and show me some code.
- Practice this before-hand so you will be sure and finish in the time you are given. You will have 45 minutes to complete this part.

