**Exercise: Testing**

Problems for exercises and homework for the [“C# MVC Frameworks - ASP.NET Core” course @ SoftUni](https://softuni.bg/trainings/2197/csharp-mvc-frameworks-asp-net-core-november-2018).

# Eventures

**Eventures** **Inc**. is a fast-rising newly made Start-Up Company, which specializes in **Event Tickets Sales**. It is said to be the killer of systems like Eventim, Eventbride, etc.

You have been appointed as the developer of the **main web application**. This is a great responsibility, so do your best and do not dissapoint your employers. The application functionality is not that complex, and it will be **separated** into **several parts**, each part consisting of **several tasks**.

Your current task is to extend the **business logic** of the **application**, by testing the logic you’ve implemented by now.

## Architectural Changes

If you’ve not done it so far… Extract the business logic to Services so that you separate the Application Layer from the Data Layer. Extract any functionality which is not correctly placed in the Controller to a separate Service.

## Unit Testing

Now that you have what to test, test every method and functionality you have in your Services. Write separated Unit Test classes and methods for each functionality.

## \* Integration Testing

Test your skills and knowledge gained with the Testing Lesson, by implementing Integration tests in the Eventures application. Make a research on what is good to be tested and verified on an Integration level and test the most basic stuff.

## \*\* Selenium Testing

Automate your browser and verify the content that the Eventures App provides to its Clients.