ISC 559 – IS Application Design and Implementation
Assignment 5: Creating Controllers and Views with EF (10 points)

Using the EventPlanner project from the last assignment, this assignment will guide you through creating MVC controllers using Entity Framework, which will also create views for your controller. complete the following tasks.

Under the Solution Explorer, right-click the Controllers folder, select -> Add -> Controller..., and then select "MVC Controller with views, using Entity Framework". Click Add. In the next dialog window, you will select the model for which a controller will be created. In the Model class dropdown, select PerformingAct. In the Data context class dropdown, select your database context class. Under the Views section, make sure that Generate views and Use a layout page are checked. The Controller name textbox should automatically be populated with the proper name for your controller, which should be PerformingActsController. Click Add. Next, your project will scaffold your controller and automatically create views for the basic CRUD operations for the PerformingAct model.

Repeat the previous step for the ProductionCompany model. Again, your project will scaffold your controller and views automatically for the basic CRUD operations for the ProductionCompany model.

Run your project and use your address bar to navigate to the PerformingActs controller (when your project runs, just add "/PerformingActs" to the end of the address that appears in the address bar). When the Index page loads, click the Create New link. This should bring you to the Create view. Add a performing act with the following values:
Name - Dave Chappelle
PerformerType - Comedian
NumberOfPerformers - 1
AverageAttendance - 8000
Manager - Wayne Brady
Click the Create button. Your project should bring you back to the Index view, where you should see the PerformingAct you just added.

Repeat the previous step to create more PerformingActs with the following values:
Name - Beyonce
PerformerType - R&B Singer
NumberOfPerformers - 15
AverageAttendance - 21000
Manager - Mama Knowles

Name - Green Day
PerformerType - Rock Band
NumberOfPerformers - 3
AverageAttendance - 18000
Manager - Adrianne Armstrong

Name - David Blaine
PerformerType - Magician
NumberOfPerformers - 1
AverageAttendance - 5000
Manager - David Copperfield

Name - Run the Jewels
PerformerType - Rappers
NumberOfPerformers - 3
AverageAttendance - 8000
Manager - Michael Render and Jamie Meline

Name - Chris Stapleton
PerformerType - Country Singer
NumberOfPerformers - 7
AverageAttendance - 17000
Manager - Johnny Country

Navigate to the ProductionCompanies controller (when your project runs, just add "/ProductionCompanies" to the end of the address that appears in the address bar). When the Index page loads, click the Create New link. This should bring you to the Create view. Add a production company with the following values:
Name - Beaver Productions
StaffSize - 30
Click the Create button. Your project should bring you back to the Index view, where you should see the ProductionCompany you just added.

Repeat the previous step to create more ProductionCompanies with the following values:
Name - Menard's Events
StaffSize - 10

Name - NOLA Presents
StaffSize - 20

Name - Benson Media
StaffSize - 100

And that's it! Submit your completed project here as a .zip file.