## The MyMusic App Concept

**The Goals:**

Create a sample ASP.NET MVC application which can do the following:

* Display all Music Artists. (Available to all users)
* Display all Songs by selected Artist. (Available to all users)
* Display Details for the artists: Name, Photo, Age, Top List Position. Name and Top List Position should be required fields. Top List position must be a number. (Available to all users)
* Display all Songs by selected Artist: Name, Year, Download Link. Name and Year should be required fields. Year must be a number. (Available to all users)
* Add New Artist. If data restrictions are not satisfied, validation messages should be displayed, and no new data should be inserted. (Available to Admins and Editors only)
* Add New Song by Artist. If data restrictions are not satisfied, validation messages should be displayed, and no new data should be inserted. (Available to Admins and Editors only)
* Edit Artists. (Available to Admins and Editors only)
* Edit Songs by Artist. (Available to Admins and Editors only)
* Delete Artists. (Available to Admins only)
* Delete Songs by Artist. (Available to Admins only)

**Technical Goals:**

* Create appropriate models.
* Create a controller for:
  + Artist. Some Properties from the model may be complex (they may need some calculation)
  + Songs. Some properties may be complex (they may need some calculation).
* You may or may not need ViewModel and View to represent the data.

**Requirements:**

You can use any technique (pattern) that you feel comfortable. Controllers should implement CRUD operations for the models.

**For the Data you can choose the preferred approach:**

* You can create Database and implement Entity Framework
* You can use only Database and write queries ad-hoc
* You can use in memory data (List Items that will be static and present at app start).

Together with the source code for the solution, please also submit in a separate folder screenshots from every page that you will have implemented in your application (e.g. Homepage/Edit page/Create New page/etc.)