

MVC: Tutorial

You need your basic knowledge of MVC including concepts such as strongly typed views, model binding and HMTL helper methods to work on this tutorial. The purpose of this tutorial is to challenge your programming skills as far as ASP.NET MVC is concerned.

1. Create a new empty ASP.NET MVC project called *MoviesApplication*
2. Add a domain model called *Movie* with the following properties:
 - a. *Title / Movie Name*
 - b. *Release Date*
 - c. *Genre*
 - d. *Price*
 - e. *onDiscount* (NB: this property must hold a **bool?** data type)
3. Add an empty MVC controller called *MoviesController*
4. Add an action method called *AddMovie()*. This method must return a strongly-typed view that is based on the *Movie* domain model.
5. Create a strongly-typed view called *MovieAddition* that will populate all the appropriate HTML input elements, using suitable HMTL helper methods, for the client to capture the movie details.
6. Add another action method, again, called *AddMovie ()*. This method must display the movie title, genre and price. It should also state whether the movie is available on discount or not.
7. Create a view called *ShowMovie* that will display the movie title, genre and price (in South Africa currency).

Note: You may include appropriate validation in the properties that you defined in the domain model called *Movie*. Example:

- a. *Title / Movie Name* cannot be blank and must have a length of 30 characters.
- b. *Price* should be between R50 and R350.