

## 1. Class News

- a. Columns: Id, Title,Description,Category,PublishDate
- b. Create a DB and a table News with above columns
- c. Generate ADO.NET EF from DB
- d. Do full CRUD

NB: for Updating take an anchor tag for each news name as edit

`<a href="/News/Edit/@Model.Id">Edit</a>` here we passed id field after action name.. Go applications RouteConfig.cs and you will find in default routing a place for id is there and default is optional. Now we will send id via this optional parameter.

To receive in controller's action do the following

Receive the id in parameter of **HTTPGet** method

Edit(int id) → received from URL

Find object from database having this id using LINQ

Example: var person = (from u in db.Persons where u.Id == id select u).FirstOrDefault();

The FirstOrDefault will convert into a single object.

Then send it to View and populate form with existing DB values.. (Keep id as hidden input in form) and post the form to **HttpPost**

After posting to action

Again find object from db using LINQ

Update the got object (from db) with submitted object from form

```
db.Entry(old).CurrentValues.SetValues(new)
```

```
db.SaveChanges()
```

For Delete:

Do the same

```
db.Persons.Remove(obj);
```

```
db.SaveChanges()
```