**Day 12 Notes**

MVC

View

Controller

Route

Model - Business logic / Class - C# - Model Class- 2 Examples - Customer / Movie

Model Binder

1. Model - Mapped Model to View

Hard coded data in the controller

2. Model - View- with textboxex to receive data - Submit button

                Controller- Request.For();

                Name of textbox and Property the same

3. View - textboxes with txt\_CustomerCode

Class:ImodelBinder

HttpContext - CurrentContext

TextBoxes and stored inlocal variable

Local variable assigned it to Customer Class object.

Submit(modelBinder)

View("Customer", customerobj);

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Data Annotation

Regex -

Data Validation

ModelState.IsValid

Code - INV40504

//EndUser - Error Message? - Validation Summary

Corresponding Error Message next to the control

//Empty Page - Value element to the textbox - @Model.CustomerCode

Made Changes in the controller class - Enter() / Submit()

COnverting the view to a strongly typed view

Customer/Enter - First Time - NullReference Exception

Lambda Expression

Method - converted into an Expression

int result = (int num1, int num2)=>{return (num1+num2);}

x =>x.(num1+num2)

(x=>x.CustomerName)

x is a variable =>(goesTo) x-(Model class Customer).CustomerName

Model

Model - Controller

Model - Controller - View

Html control in a view - post the data to another View

Strongly Typed View

View into a strongly typed View

ModelBinder

Html Helper class

Data Annotation - RegularExpressions - Model Class

ModelState.IsValid

Convert the serverside validation to ClientSide Validation

EntityFramework - Linq

Query =" select ------" - SQL Server -Compile- - Oracle -

Object and properties

Table - class - object

DAL Folder

CodeFirst

Namespace- Entity - Manage Nuget Package

Web.Config - ConnectionString

DAL Folder - Class - CustomerDal:DBContext

imported Customer Model

override - OnModelCreating()

Property - DbSet

Controller

Imported DAL

Submit()

Add()SaveChanges();