Angularjs based project

Step1-Open visual studio =>new project=>visual c#-web-Asp.net web application(.Net Framwwork)

NAME-AngularjsMVC

STEP-2 Download angular js Download angular=>download file-file-angular.js,angular.min.js,angular.route.js,angular.route.js.min =>project=>Script folder=paste that folder

After that Refrences folder right click->Nuget manage->Browse=>Entity framework v6.1.3 download EntityFramework

Step-3=got view –shared folder=>\_Layout.cshtml=>add two folder drag and upon=>@Scripts src=”~/Scripts/angular.min.js”>

//Addtwo angulat.min and angular-route.min.js

Step 4-Add new folder=>EF=ADD NEW class=user

Using system.DataANOTATION[

Using system.CompnenetModel.DataAnnotation.Schema;

Public class User

{

[key]

[DataBasegenertaed(DatabasegeneratedOption.identity);

Public int id{get;set;}

[required]

[maxilength(32)]

Public string Name{get;set;}

[required]

[maxilength(50)]

[EmailAddress]

Public string Email{get;set;}

[StringLength(50,MinimumLength=2)

Public string Address{get;set;}

}

Then after that riht click EF=>add=class=AngularjsMvcDbContext

Publick class AngularjsMvcDbContext:DbContext

{

Public AngularjsMvcDbContext():base(“name= AngularjsMvcDbContext”)

}

Protected override void OnnModelCreating(OnModelBuilder modelBuilder)

{

Modelbuilder.coventions.Remove(plurizingTableNameConvention>();

Base.OmodelCreating(modelbuilder);

}

Public DbSet<User>Users{get;set;}

}

} go to web.cofig file

</configurationsection>

<connnectionstring>

<add name=” AngularjsMvcDbContext” connectionstring=”DataSource=.;initial Catalog=AngularjsMvc;intrgrated security=false;User id=sa;password=123;MultipleActiveResultsets=True”>

</connectionstring>

Step5-Right click project add New Folder =name-app=right click folder add=>Angularjs Module=ok

(function(){

‘use strict’;

Angular.module(‘app’,[‘ngRoute

});

})();

Coppy app add \_Layout.cshtml page

<html ng-app=”app”>

After Home controller

Pblic ActionReslt Index()

{

}

Index view-@{

ViewBag.Title=”Home Page”;

}

<ng-view>

}

Add New Controller

UserController:Controller

{

Private AnglarjsMvcDbContext db=null;

Pblic serController()

{

Db=new AnglarjsMvcDbContext();

}

Pblic JsonReslt Index()()

{

Var sers=db.sers.ToList();

Retrn Json(sers,JsonRequestBehavior.Allowget)

}}

}

Pblic ActionReslt index()

{

Retrn view();

}

Rigt click app folder add new item=web=>Angular module

After that add new folder Services in app folder =right click folder add new Angular factory=name=DataService=

.factory(‘dataservice’,{‘$http’,’$q’,function($http,$q){

Var service={};

Service.getUsers=function(){

Var deffered=$q.defer();

$http.get(‘/User/Index’).then(function(result){

Deferred.resolve(result.data);

},function(){

Deffered.reject();

});

Return deffered.promise;

};

Return service;

}]);

})();

Now go app folder create new folder and controller=rght click=>new item =Angular Controller Using Scope=userCtrl

.controller(‘userCtrl’,{‘$scope’,’dataservice’,function($scope,dataservice){

$scope.users={};

getData();

function getData(){

dataservice.getUsers().then(function (result){

$scope.users=result;

});

}

}]);

})();

Now add new folder in app folder template=right add new =item Html=user.HTML

<h2>User</h2>

<div class=”panel panel-default”>

<div class=”panel-heading”>

List user

</div>

<div class=”panel-body”>

<table class=”table table-border”>

<thead>

<tr>

<th>Name</th>

<th>Email</th>

<th>Address</th>

</tr>

</thead>

<tbody>

<tr ng-repeat=”I in users”>

<td>{{I.Name}}</td>

<td>{{I.Email}}</td>

<td>{{I.Address}}</td>

</tr>

</tbody>

</table>

</div>

</div>

Go app folder=app.js=

.config(‘$routeprovider’,function($routeprovider){

$routeprovider

.when(‘/’,{

Controller:’userCtrl’,

templateUrl:’/app/templates/user.html’

})

.otherwise({redirectTo:’/’});

}]);

}}();

Go to inde.html

Go to SQL SERVER

After that go \_layout.cshtml

Add two refrences app.js,Dataservice.jsdrag and upon and usrCltrl file drag file upon

After that inde.html run projects

After that go app.js file add.config({‘$rootprovider’,’$locationProvider’,function($routeprovider,$locationprovider){

$locationprovider.hasprifixx=(‘’)

After go to index.html

<tr ng-if=”!users!!users.length==0”>

<td colspan=”3” style=”text-align:center”>

No user data to display

</td>

</tr>

///Form Validation in Angularjs//

There is many type

1-Touched

2-Untouched

3-prestine

Dirty

Valid

Invalid

HTML 5 validation Attribute

1-Required

2-maxlength

3-pattern

4-min

5,-Max

Step1-first add style sheet

.error{

Color:red;

}

<link href=”css/error.css” rel=”stylesheet” type=”text/css”>

<form name=formregistrtion>

<tablecellpadding=”2” cellspacing=”2”>

<tr>

<td>Username</td>

<input type=”text” name=”username”ng-model=”username” ng-required=”true”ng-minlegth=”3” ng-maxlength=”10” myvalidateusername></td>

<td>

<span ng-show=”formregistrtion.username.$error.required”>

This field is required.

</span>

<span ng-show=”formregistrtion.username.$error.minlength”>

Please enter at least 3 characters.

</span>

<span ng-show=”formregistrtion.username.$error.maxlength”>

Please enter no more than 10 character.

</span>

<span ng-show=” formregistrtion.username.$error.myvalidateusername”>this

Username is already taken!</span>

<tr>

<td>&nbps;

<tr>

<td>Age</td>

<input type=”number” name=”age” ng-model=”age” ng-required=”true” min=”18” max=”50”</td>

<td>

<span ng-show=”formregistrtion.age.$error.required”>

This field is required.

</span>

<span ng-show=”formregistrtion.age.$error.min”>

Please enter at least 18 number.

</span>

<span ng-show=”formregistrtion.age.$error.max”>

Please enter a value less than or equal to 50.

</span>

</tr>

<td>Email</td>

<input type=”email” name=”email” ng-model=”email” ng-required=”true”>

</td>

<td>

<span ng-show=”formregistrtion.email.$error.required”>

This field is required.

</span>

<span ng-show=”formregistrtion.email.$error.email”>

Please enter a valid email address..

</span>

<span ng-show=”formregistrtion.email.$error.email”>

Please enter a value less than or equal to 50.

</span>

</tr>

<td>Website</td>

<input type=”url” name=”website” ng-model=”website” ng-required=”true”>

</td>

<td>

<span ng-show=”formregistrtion.website.$error.url” class=”error”>

Please Enter a valid URL.

</span>

</tr>

Angular.min

App.directive(‘myvalidateusername’,function(){

Return{

Require:’ngModel’,

Link:function(scope,elm,attrs,ctrl){

Ctrl.$validators.myvalidateusername=function(modelValue){

If(ctrl.$isEmpty(modelValue)){

Return true;

}

Return modelValue!=’abc’;

};

}

};

});