ANGULARJS PROJECT WITH MVC

Step 1- open visual stusdio >-file-new project-> visual c#->web->Asp.net MVC4 web application->AAangularLaaogin=>empt-ok

Step2-solution explorer=>connect our database->=>table-registration=>create ->store procedure ->login->

Create procedure Sp\_User\_Login

(

@Email nvarchar(200),

@password nvarchar(200),

@IsValid bit out

)

As

Begin

Set @IsValid=(Select Count(Email) from tbl\_registration where and password=@password)

End

Step3-right click =project =>create =new folder=>database\_Access\_Layer=right click folder->class->db=>copy connection string and past

In web .config file->(<connectionstring><add name=”conn” connectionString=”” provider name=”system.data.SqlClint”/>add

Namespacesa

Using System.Data;

Using System.Data.SqlAClint;

Using system.Configuration;

Public class db

{

Sqlconection conn= new sqlconnection(ConfigurationMnagaer.ConnectionASatring[“conn”].Connectionstring);

// After that go to model folder right click ->add->class->user(public class user{public string email{get;set} public string password{set;set}})

Public int userlogin(user us)

{

Sqlcommand com= new sqlcommand(“Sp\_User\_Login”,conn);

Com.CommandType=commandtype.storeprocedure;

Com.parameter.addwithvalue(“@Eamail”,us.email);

Com.parameter.AddWaithVlue(“@password”,us.password);

Sqlparameter objlogin= new sqlparameter();

Objlogin.parametername=”@IsValid”;

Objlogin.Direction=ParameterDirection.OuPut;

Objlogin.SqlDbType=SqlDbType.bit;

Com.parameter.Add(objlogin);

Conn.open();

Comm..executeNonQuery();

Int res=convert.int32(objlogin.value)

Conn.close();

Return res;

}

}

Step-4-Controoler folder=>right click=>Aadd=>homecontroller

Public AactionResult index()//Aafter that rigt cick create view of home controller

{

Return view()

}

Public ActionResult dashboard()// add viewa rigt click//<div>welcome @seesion[]

{

Result view();

}

Database\_access\_layer.db dblayer=new Database\_access\_layer.db();

Public jsonreult userlogin(user us)

{

Int result=dblayer.userlogin(us)

If(result==1)//After that create action result dashboard

{

Session[“user”]=us.email;

//Return redirecttoaction(“dashboard”);

Else

{

TempData[“msg”]=”email or password is wrong”;

}

Return json(result,jsonreqauestbehavoiur.allowget);

}

Step 5-right click project=>add new folder=>script=>copy paste=>angular.min.js>=right click folder script=>add new folder=>AngularController>rgightclick> add=javascript1>Angularhome=ok

Var app= angular.module(“homeapp”,[]);

app.controller(“HomeController”,function($scope,$http(it is working transfer the data agular controler)){

$scope.btntext=”Login”;

$scope.login=function(){

$scope.btn=”please wait”;

$htttp((

Method:”post”,

[url:’/Home/userlogin](url:'/Home/userlogin)’,

data:$scope.user

}).succes(function(d){

$scope.btntext=’Login’;

If(d==1){

Window.location.href=’/Home/dashboard/’;

}

Else{

Alert(d);

}

$scope.user=null;

}).error(function(){

Alert(‘failed’);

})

}

})

}

});

After the go to index.htll

@{

Layout=null;

}

<!doctype html>

<html>

<head>

<meta name=”viewaport” content=”width-device-width”/>

<title>Index</title>

</head>

<body ng-app=”homeapp” ng-controller=”homecontroller”>

<div>

<span>Email: </span><input type=”text” ng-model=”user-email”/>

<br/>

<br/>

<span>Password:</span><input type=”password” ng-model=”user-password”/>

<br/>

<br/>

<input type=”button” value=”{{btntext}}” ng-click=”login()”/>

</div>

//<script scr=”angular.mn.js”></scrpt>

//<script scr=”angular controller/angularhome.js”</script>

</body>

</html>

Step-1-VS-NNEW PROJECT=>WEB=>ASP.MVC4.NET WEBApplication=>AangularcrusAOaperation>=ok=>

Setep 2- sqal server=>create table->sr\_number int primary key,Email nvarchar(200),password nvarchar(200), Name nvarchar(200),Address nvarchar(200),City nvarchar(200)

Connect to database solotion ex

Create procedure Sp\_register

(

@Email nvarchar(200),

@password nvarchar(max),

@Name varchar(max),

@Address nvarchar(max),

@City nvarchar(max)

As

Begin

Insert into tbl\_regiester values(@Email,@Password,@Name,@Address,@City)

)

End

// create procedure find record seriol number//

Create proc Sp\_register\_byid

(

@Sr\_no int

}

As

Begin

Select \* from tbl\_registration where ASr\_no=@Sr\_no

End

// delete the record by srno//

Create proc Sp\_register\_delete(

@Sr\_no int

)

As

Begin

Delete from tbl\_registerion where Sr\_no=@Sr\_no

End

//update record behalp of seriol num//

Create proc Sp\_register\_update(

@Sr\_no int,

@Email nvarchar(200),

@Password nvarchar(200),

@Name nvarchar(200),

@Aaddress nvarchar(max),

@City nvarchar(200),

As

Begin

Update tbl\_registertion set Email=@email,password=@password,Name=@Name,Address=@Address,City=@city where Sr\_no=@Sr\_No

End

//delete the recor as per SrA\_no//

Create proc Sp\_Delete\_register

(

Sr\_no int

)

As

begin

Delete from tbl\_registration where sr\_no=@Sr\_no

end

//create procedure finding all record//

Create proc Sp\_rigister\_get

As

Begin

Select \* from tbl\_registration

end

step- give connection string in web.config file

<connectionstring>

<add name=”conn” connectionstring=””;providerAANaame=”.>

Go first solotion create new folder=>Aadatabase\_Access\_layer=>right click=new=class db

Uusing system.sqalclint.data;

Using system.data;

Using system.configuration;

Public class db

{

Sqlconnection conn= new sqlconnection(configurationManager.ConnectionString[“conn”].coonectionstring);

Public void add\_record(register rs)

{

Sqlcommand comm.= new sqlcommand(“sp\_register”,conn);

Comm..comandType=commandType.StoreProcedure;

Comm..Parameter.AddWithvalue(“@Email”,rs.Email);

Comm..Parameter.AddWithvalue(“@Password”,rs.Password);

Comm..Parameter.AddWithvalue(“@Name”,rs.Name);

Comm..Parameter.AddWithvalue(“@Address”,rs.Address);

Comm..Parameter.AddWithvalue(“@City”,rs.City);

Conn.open();

Comm..excecutenonquery()

Conn.close();

]}

Public DataSet get\_record()

{

Sqlcommand comm= new sqlcommand(“Sp\_register\_get”,conn);

Comm..commandType=commandTpe.SaatoreProcedure;

sqlDataAdapter da= new sqlDataAdapter(comm);

DaataSet ds= new Dataset();

Da.fill(ds);

Return ds;

}

Public void update\_record(register rs)

{

Sqlcommand comm.= new sqlcommand(“Sp\_register\_update”,conn);

comm.CommandType=CommandType.StoreProcedure;

comm.parameter.Addwithvalue(“@Sr\_no”,rs.Sr\_no);

Comm..Parameter.AddWithvalue(“@Email”,rs.Email);

Comm..Parameter.AddWithvalue(“@Password”,rs.Password);

Comm..Parameter.AddWithvalue(“@Name”,rs.Name);

Comm..Parameter.AddWithvalue(“@Address”,rs.Address);

Comm..Parameter.AddWithvalue(“@City”,rs.City);

Conn.open()

Comm.ExecuteNonQuery();

Conn.close();

}

}

Public Dataset get\_recorddbid(int id)

{

Sqlcommand com = new sqlcommand(“sp\_register\_byid”,con);

Com.commandTpe=commandType.StoreProcedure;

Com.parameter.AddWithValue(“@Sr\_No”,id);

SqlDataAdapter da= new SqlDataAapter(com);

DataSet ds= new dataset();

Da.Fill(ds);

Return ds;

}

Public void deletedata(int id)

{

Sqlcommand com= new sqlcommand(“Sp\_register\_delete”,con);

Com.CommandType=CommandType.StoreProcedure;

Com.parameter.Addwithvalue(“@sr\_no”,id);

Con.open();

Com.executeNonquery();

Con.close();

}

Step-model folder create class

Public class register(

Public string Email{get;set;}

Public string password{get;set;}

Public string Name{get;set;}

Public string Address{get;set;}

Public string City{get;set;}

)

Now ADD new controllerfolder =right click –add controller=>HomeController

Public ActionResuslt index()(add view >)

{

Return view();

}

Public ActionResult Show\_data(ADD VIEW)

{return view()}

}

Public ActionResult update\_data(add view)

{return view()

}

Data\_Acces\_Layer.db dblayer= new database\_Access\_layer.db()

Public jsonresult Add\_record(register rs)

{

String res=string.empty

Try

{

Dblayer.add\_rcord(rs);

Res=”inserted”;

}

Catch(exception ex)

{

Res=”failed”;

}

Return Json(res,JsonRequestBehavior.Allowget);

}

Step5 =>noe add new folder CSS AND Script=>add in copty angular.min.js=and CSS ADD IN Bootstrap.min.js and now new folder in sript folder=>AngularController=right add=javascript file=>

Var app=angular.module(“HomeApp”,[]);

App.controller(“HomeController”,function($scope,$http){

$scope.btntext=”save”;

$scope.savedata=function(){

$scope.btntext=”please wait…”;

$http({

Method:’post’,

[url:’/Home/Add\_record](url:'/Home/Add_record),

data:$scope.register}).success(function(d){

$scope.btntext=”Save”;

$scope.register=null;

Alert(d);

}).error(function(){

Alert(‘failed’)

})

})

Design-

@{

Layou=null;

}

<!DocType html>

<html>

<head>

<meta name=”viewport content=”width-device-width”/>

<title>index</title>

<link href=”css/bootstrap.min.css” rel=”stylesheet”>

</head>

<body>

<div ng-app=”Homeapp” ng-controller=”HomeController”>

<div class=”container”>

<div class=row”>

<div class”col-sm-2”></div>

<div class=”col-sm-8”>

<div class=”form-group”>

<label>Email</label>

<input type=”text” ng-model=”register.Email” class=”form-control”/>

</div>

<div class=”form-group”>

<label>Passwaord</label>

<input type =”text” ng-model=”register.password” class=”form-group”/>

</div>

<div class=”form-group”>

<label>Name</label>

<input type =”text” ng-model=”register.Name” class=”form-group”/>

</div>

<div class=”form-group”>

<label>Address</label>

<input type =”text” ng-model=”register.Address” class=”form-group”/>

</div>

<div class=”form-group”>

<label>City</label>

<input type =”text” ng-model=”register.City” class=”form-group”/>

</div>

<div class=”form-group”>

<input type =”button” class=”btn btn-primary“ ng-click=”savedata()” value={{btntext}} class=”form-group”/>

</div>

</div>

<div class=”col-sm-2”></div>

</div>

</div>

<td><a href=”/Home/updaterecord?id={{e.sr\_no}}”>Update</a></td>

<td><a ng-click=”deleterecord(e.sr\_no)”>Delete</a></td>

</tr>

</table>

</div>

Add file bootstrap agular.min,angularcontroller js

Go to public actionresult update\_data{intid)

{

Return view();

}

Public JsonResult Get\_databyid(int id)

{

Dataset ds= dblayer.get\_recordbyid(id);

List<register> lister= new List<register>();

Foreach(DataRow dr in ds.tables[0].Rows)

{

Lister.Add(new register

{

Sr\_no=Convert.Toint32(dr[“Sr\_no”]);

Email=dr[“Email”].ToString(),

Password=dr[“password”].ToString(),

Name=dr[“Name”].ToString(),

Address=dr[“Address”].ToString(),

City=dr[“City”].ToString(),

});

}

Return Json(lister,JsonReqauestBehaviour.AllowGet);

}

Angularontrolle

$scope.loadrecord=function(id){

$http.get(“/Home/Get\_databyid?id=”+id).then(function(d){

$scope.register=d.data;

}, function(error){

Alert(‘failed)’

});

});

Now go Update\_data-view page

Dsig

@{

Layout=null;

}

<!doctype html>

<html>

<head>

<meta name=”viewport” content=”width=device-width/>

<title>Index</title>

<link href=”~/css/bootstrap.min.css” css=”stylesheet”/>

</head>

<body>

<div ng-app=”homeapp” ng-controler=”homecontroller” data-ng-init=”loader(@Convert.ToInt32(Request.QueryString[“id”])”>

<div class=”container”>

<div class=”row”>

<div classs=”col-sm-2”></div>

<div class=”col-sm-8”>

<div class=”form-group”>

<label>Email</label>

<input type=”text” ng-model=”register.Email” class=”form-control”/>

</div>

<label>Password</label>

<input type=”text” ng-model=”register.password” class=”form-control”/>

</div>

<label>Name</label>

<input type=”text” ng-model=”register.Name” class=”form-control”/>

</div>

<label>Address</label>

<input type=”text” ng-model=”register.address” class=”form-control”/>

</div>

<label>City</label>

<input type=”text” ng-model=”register.City” class=”form-control”/>

</div>

<div class=”form-group”>

<input type=”button” class=”btn-btn-primary” ng-click=”savedata()” value=”{{btntext}}”/>

</div>

</div>

<div class=”col-sm-2”></div>

</div>

</div>

</div>

Add angular min.js and angularcontroler min.js

</body>

</html>

Run program

Go to controllerupdate record

Public actionresult update\_record(register rs)

{

Strring res=string.empty;

Try

{

Dblayer.update.record(rs);

Res=”updated”;

}

Catch(exception ex)

{

Res=”failed”;

}

Return Json(res,JsonReqauestBehaviour.Allowget);

}

Go to angular folder updated record

$scope.updatedata=function(){

$scope.btntext=”Please wait....”

$http({

Method:’post’,

[url:’/Home/update\_record](url:'/Home/update_record)’,

data:$scope.register

}).sucess(function(d){

$scope.btntext=”Update”;

$scope.register=null;

Alert(d);

}).error(function(){

Alert(‘failed’);

});

Run program

Go to home

Crearte one mre

Public ActionResult delete\_record(int id)

{

String res=string.empty;

Try

{

Dblayer.deletedata(id)

Res=”deleted”;

}catch(exception ex)

{

Res=”failed”;

}

Return Json(res,JsonResultBehaviour.Allowet)

}

Now go to angular controller

$scope.deletedrecord=function(id){

$http.get(“/Home/delete\_record?id=”+id).then(function(d){

Alert(d.data);

}.function(error){

Alert(‘failed’);

});

});

Now design Dashbord using Angularjs

Validation pages

Redirect page to another page using angularjs