<https://www.c-sharpcorner.com/article/import-excel-file-in-angular-7-using-web-api-and-sql-server/>

create table tblExcel(UserId int identity(1,1) primary key,

UserName varchar(50),EmailId varchar(50),Gender char(10),

UserAddress char(500),MobileNo varchar(15),

PinCode varchar(10));

insert into tblExcel values('Ramesh','ramesh@gmailcom','Male',

'dt62','1234567896','505209');

insert into tblExcel values('Pandu','Pandu@gmailcom','Male',

'd6898','983632572626','505206');

insert into tblExcel values('Srinu','Srinu@gmailcom','Male',

'cg36','768769996','505203');

insert into tblExcel values('Prakash','Prakash@gmailcom','Male',

't6898','6758585','505203');

insert into tblExcel values('Karna','Karna@gmailcom','Male',

'dgf88','5858987','505201');

select \* from tblExcel;

drop table tblExcel

create database Fileupload;

controller

using ExcelDataReader;

using Exelprojects.Models;

using System;

using System.Collections.Generic;

using System.Data;

using System.IO;

using System.Linq;

using System.Net;

using System.Net.Http;

using System.Web;

using System.Web.Http;

namespace Exelprojects.Controllers

{

[RoutePrefix("Api/Excel")]

public class ExelFileController : ApiController

{

[Route("UploadExcel")]

[HttpPost]

public string ExcelUpload()

{

string message = "";

HttpResponseMessage result = null;

var httpRequest = HttpContext.Current.Request;

using (FileuploadEntities2 objEntity = new FileuploadEntities2())

{

if (httpRequest.Files.Count > 0)

{

HttpPostedFile file = httpRequest.Files[0];

Stream stream = file.InputStream;

IExcelDataReader reader = null;

if (file.FileName.EndsWith(".xls"))

{

reader = ExcelReaderFactory.CreateBinaryReader(stream);

}

else if (file.FileName.EndsWith(".xlsx"))

{

reader = ExcelReaderFactory.CreateOpenXmlReader(stream);

}

else

{

message = "This file format is not supported";

}

DataSet excelRecords = reader.AsDataSet();

reader.Close();

var finalRecords = excelRecords.Tables[0];

for (int i = 0; i < finalRecords.Rows.Count; i++)

{

tblExcel objUser = new tblExcel();

objUser.UserName = finalRecords.Rows[i][0].ToString();

objUser.EmailId = finalRecords.Rows[i][1].ToString();

objUser.Gender = finalRecords.Rows[i][2].ToString();

objUser.UserAddress = finalRecords.Rows[i][3].ToString();

objUser.MobileNo = finalRecords.Rows[i][4].ToString();

objUser.PinCode = finalRecords.Rows[i][5].ToString();

objEntity.tblExcels.Add(objUser);

}

int output = objEntity.SaveChanges();

if (output > 0)

{

message = "Excel file has been successfully uploaded";

}

else

{

message = "Excel file uploaded has fiald";

}

}

else

{

result = Request.CreateResponse(HttpStatusCode.BadRequest);

}

}

return message;

}

[HttpGet]

[Route("GetExcelsData")]

public List<tblExcel> BindUser()

{

List<tblExcel> lstUser = new List<tblExcel>();

using (FileuploadEntities2 objEntity = new FileuploadEntities2())

{

lstUser = objEntity.tblExcels.ToList();

}

return lstUser;

}

}

}

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web.Http;

using System.Web.Http.Cors;

namespace Exelprojects

{

public static class WebApiConfig

{

public static void Register(HttpConfiguration config)

{

// Web API configuration and services

// Web API routes

config.MapHttpAttributeRoutes();

config.Routes.MapHttpRoute(

name: "DefaultApi",

routeTemplate: "api/{controller}/{id}",

defaults: new { id = RouteParameter.Optional }

);

var cors = new EnableCorsAttribute("\*", "\*", "\*"); //origins,headers,methods

config.EnableCors(cors);

//config.EnableCors(new EnableCorsAttribute("\*", "\*", "GET,PUT,POST,DELETE"));

}

}

}