

حضرت خواجہ سیدنا معین الدین حسن چشتی سنجاری اجمیری رحمۃ اللہ علیہ



Driving mobility
Mitsubishi Electric

HOME

BLOGS

FORUMS

VIDEOS

SEARCH

INTERVIEW

COMMUNITY

CONTACT

1



Ex Send Email ASP.Net

ASP.Net Core Razor Pages: Display PDF files from Database in View

Posted: 01 Jul 2022 Author: [Mudassar Khan](#) Views: 11500



ASP.Net

JavaScript

SQL Server

HTML5

PDF

Core

Razor Pages



[Download Code](#)



Free Spire.Office for .NET Community Edition

Free Spire.Office for .NET is a Community Edition of the
Spire.Office for .NET
Office .NET AP

Disclaimer

Free Edition

This site makes use of Cookies. Please refer [Privacy Policy](#) for more details.

Allow

Reject

In this article I will explain with an example how to upload and display PDF files from Database

PDF.js plugin

The PDF file will be displayed (rendered) in Browser using [PDF.js](#) JavaScript plugin.


The following files of [PDF.js](#) JavaScript plugin will be used.

1. pdf_viewer.min.css
2. pdf.min.js
3. pdf.worker.min.js

2

Database

This article makes use of a table named tblFiles whose schema is defined as follows.

| MUDASSAR-PC\SQL20...les - dbo.tblFiles X | | | |
|---|-------------|----------------|--------------------------|
| | Column Name | Data Type | Allow Nulls |
|  | id | int | <input type="checkbox"/> |
| | Name | varchar(50) | <input type="checkbox"/> |
| | ContentType | nvarchar(200) | <input type="checkbox"/> |
| | Data | varbinary(MAX) | <input type="checkbox"/> |

© aspnpets.com

Note: You can download the database table SQL by clicking the download link below.

[Download SQL file](#)

Namespaces

You will need to import the following namespaces:

```
using System.IO;
using System.Data.SqlClient;
using System.Collections.Generic;
using Microsoft.AspNetCore.Mvc;
using Microsoft.Extensions.Logging;
```

Disclaimer

This site makes use of Cookies. Please refer [Privacy Policy](#) for more details.

Allow

Reject

the records of the Files from database.

```
public class FileModel
{
    public int Id { get; set; }
    public string Name { get; set; }
    public string ContentType { get; set; }
    public byte[] Data { get; set; }
}
```

3

Razor PageModel (Code-Behind)

The PageModel consists of three Handler methods.

Handler method for handling GET operation

Inside this Handler method, the GetFiles method is called and the public property Files is set.

Inside the GetFiles method, the records from the tblFiles table are fetched using DataReader and generic list of FileModel class objects is populated.

Note: For details about reading Connection String from AppSettings.json, please refer my article, Net Core: Read Connection String from AppSettings.json file.

Finally, the generic list of FileModel public property is returned to the Razor Page.

Handler method for handling POST operation for uploading Files

This Handler method gets called when a File is selected and the Upload Button is clicked, and it gets the uploaded file in the IFormFile

Note: In case the IFormFile parameter is null, the IFormFile always returns null.

The uploaded file is converted to a byte array and inserted into the database table.

Disclaimer

This site makes use of Cookies. Please refer [Privacy Policy](#) for more details.

Allow

Reject