

## Web Based Technologies –HW#4

### About the Assignment

Implement a file manager in asp.net. In this homework, you are expected to use ajax and nugget packages for following tasks.

- Show information to inform a user about a task is being completed by using progress bar.
- Understand/Implement about downloading and uploading a file.
- Analyzing ajax components

Use two panels.

The first panel is just asp.net panel (not ajax update panel) and is related to upload files.

The second panel is ajax update panel and is related to download files.

#### Hint:

Use google search.

#### Step1:

First panel must includes following information. There is a single file upload. You should design this panel as like below. However, you should design more sophisticated ones as shown in Fig. 1. When upload button clicked, you should activate the progress status bar of each. **The file upload must allow to select multiple files.**

The more well presented the panel, the higher the likelihood that the you will get good points.

You should save uploaded files into **UploadedFiles** folder.

Also you have to check the file names. If it is an existence file name you should delete the previous one and upload new one. The Drag and Drop property should be included.

You can use nugget packages. Also, You can use threads in order to asynchronously upload files.

The information of first panel is given as following.

Upload your files here or [Browse](#)

UPLOAD

Title	% Complete	Complete [?]
File 1	2 %	<div></div>
File 2	75 %	<div></div>
File 3	100 %	<div></div>


**Fig. 1.** Uploading files.

## Step2:

As a second panel, use an ajax update panel to download files.

You should design like given in Fig. 2. However, your design have to be more rich than the Fig. 2. The information about second panel is given as following. You have to use threads in asp.net when downloading files. A multithreading approach should be applied in this case.

The supported file types are: mp3, png, jpg, gif, pdf, docx, doc, xls, xlsx, ppt, pptx. Your system should don't allow other files to be download. Save files into **DownloadedFiles** folder. You can use threads in order to asynchronously download files. Again, you can use nugget packages.

https://ceng.ogu.edu.tr/Storage/ceng/Uploads/BM_2019_2020_BAHAR-DersProgrami_Derslikler_12-Subat-2020_Vers2_BOLUM-ICI.pdf	File 1
Paste Url of file	File 2
https://africafreak.com/wp-content/uploads/2009/10/Kevin-Richardson.jpg	File 3
	




Title	% Complete	Complete [?]
File1 Download	2 %	<div><div></div></div>
File2 Download	75 %	<div><div></div></div>
File3 Download	100 %	<div><div></div></div>

**Fig. 2.** Downloading files.

Your homework will be graded based on your design.

Only send asp.net files and required folders (App\_Code, images or database) like below.  
Send with shortest name and **Zip** format.

**Example; name-surname-HW#.Zip**

 Default.aspx	2019-02-19 15:46	ASP.NET Server Pa	1 KB
 Default.aspx.cs	2019-02-20 11:16	CS File	2 KB
 Default.aspx.designer.cs	2019-02-19 15:43	CS File	3 KB