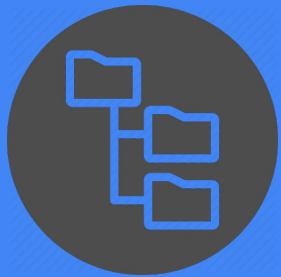



Local System File Explorer

By **Robert Mihai** and **Guilherme Carra**



Original Design Wireframe

FL

Search 

Topic 1 Topic 2 Topic 3 Topic 4

New

My files

Photos

Music

Trash






Section 5

Section 6


Section 7


Section 8

Section 9

Name	Size	Nombre documento
 Nombre fichero		Informacion documento
 Nombre fichero		
 Nombre fichero		
 Nombre fichero		
		

Final Project Design







 **FileSys**




New Folder

FOLDERS

- My Files
 - Assembler Docs
 - Projects
- Trash

Name	Size
 Assembler Docs	
 Projects	
 cat.gif	6.14 MB
 music.mp3	2.81 MB
 photo1.jpg	768.34 KB
 sample-mp4-file.mp4	10.06 MB

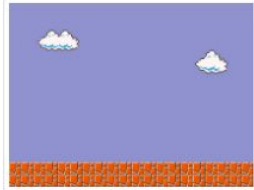
 photo1.jpg

Type: file

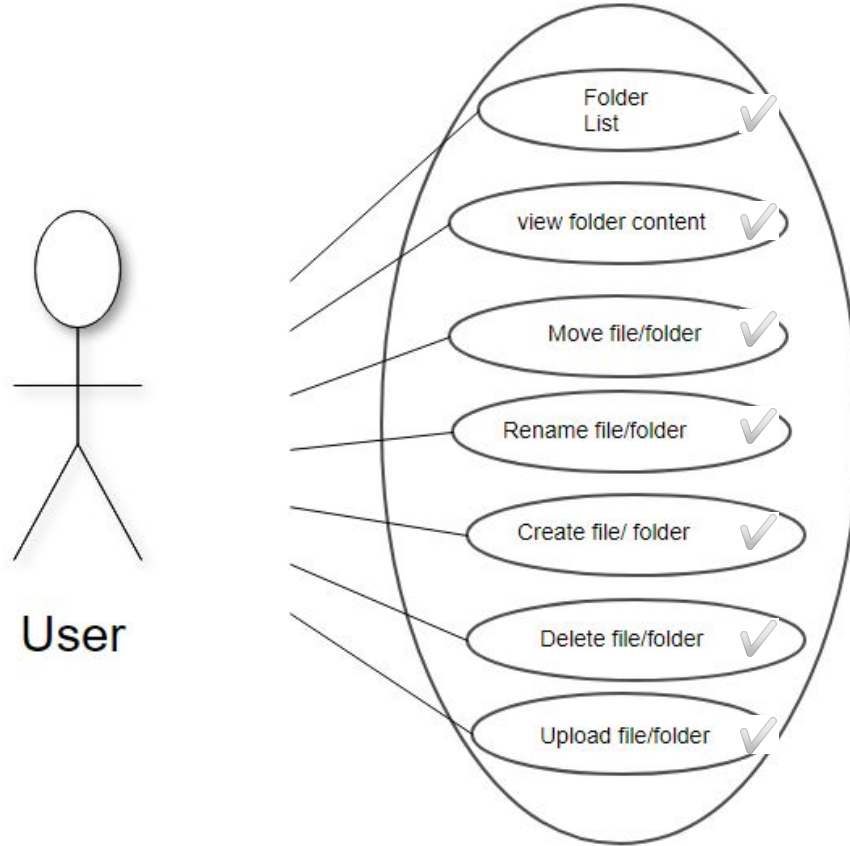
Size: 768.34 KB

Modified: July 16 2020 16:19

Created: July 16 2020 17:47



Case Diagram



✓ = IMPLEMENTED

Lessons Learnt

- Using PHP's file management functions.

```
scandir() / filesize() / rmdir() / unlink() / etc...
```

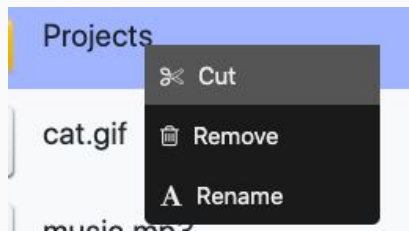
- Better interaction between PHP / Javascript.

```
// Request to PHP the folder's content  
return $.post({  
    type: 'POST',  
    url: 'filesFunctions.php',  
    data: ({operation: "showFolder", actualDir: actualDir}),  
});
```

- Asynchronously upload a file using Ajax / PHP.

Encountered Problems

- How to create a right-click menu and show it on the cursor.



- How to make an Ajax request to upload a file and send with it the target folder to upload it.

```
$.ajax({  
→ url: 'filesFunctions.php?actualDir='+actualDir,  
  type: 'post',  
→ data: fd,  
  contentType: false,  
})
```

- How to search for a file on all root directories recursively.

