

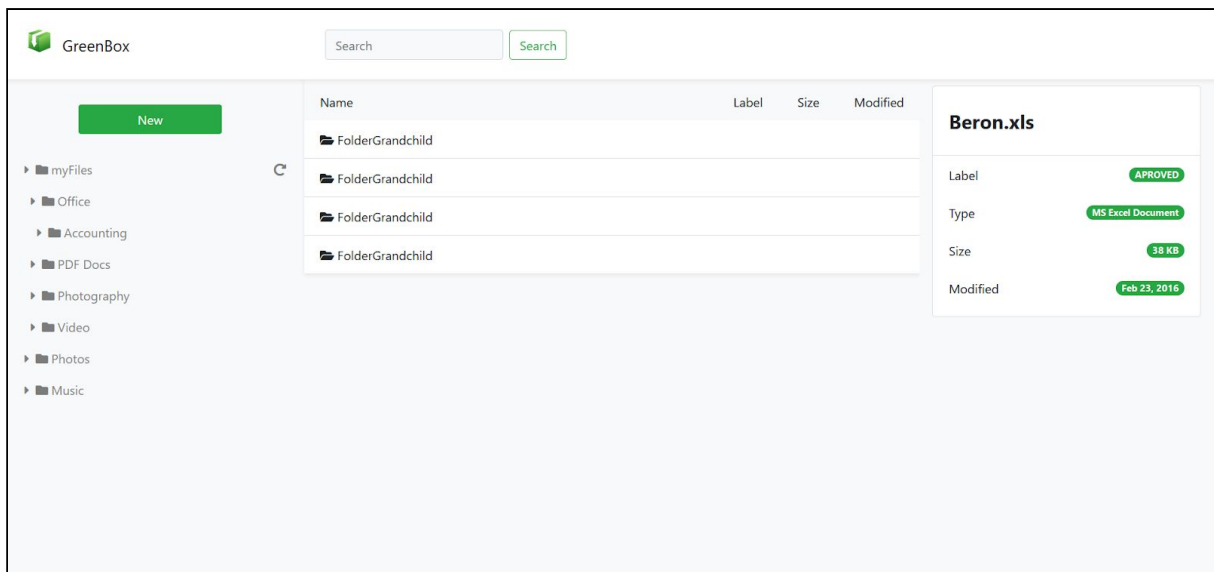
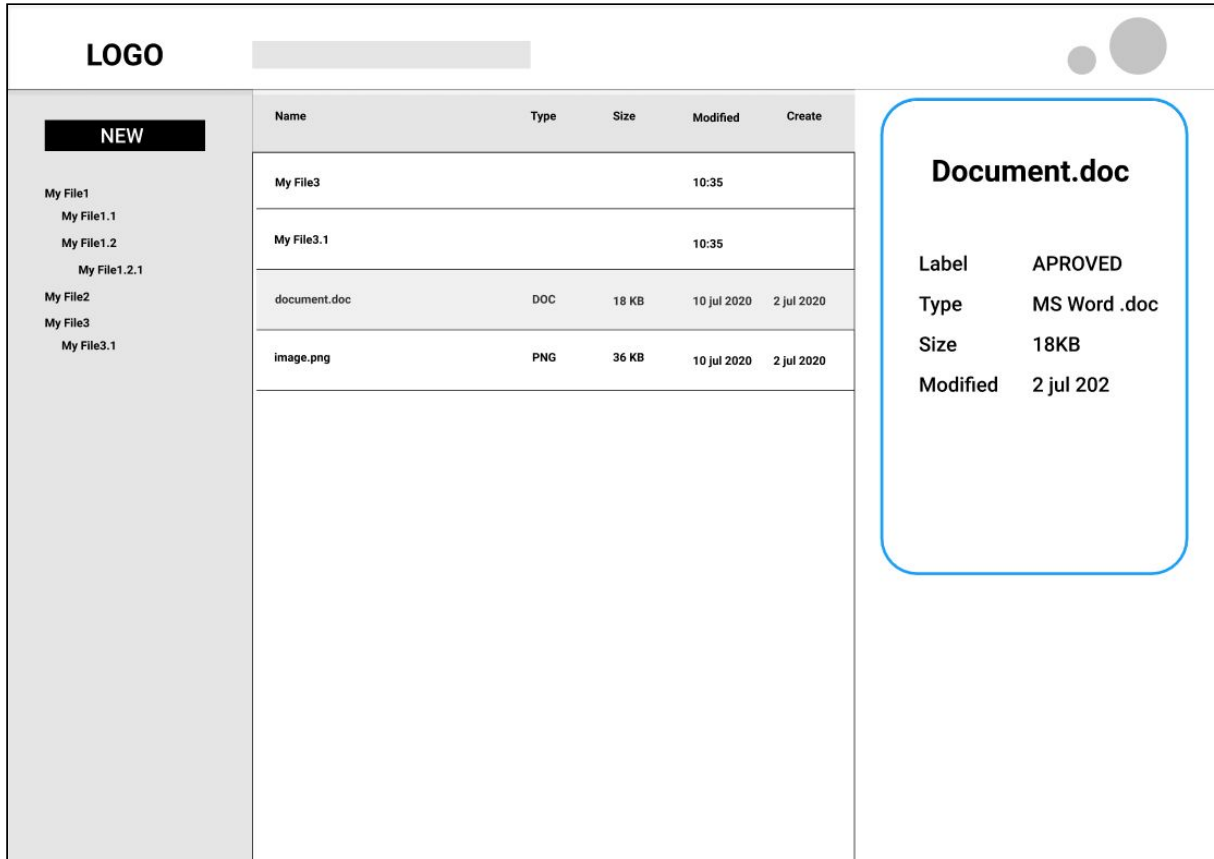
Local FileSystem explorer

**Beron Gamboa
Carlota Gallart**

REQUIREMENTS

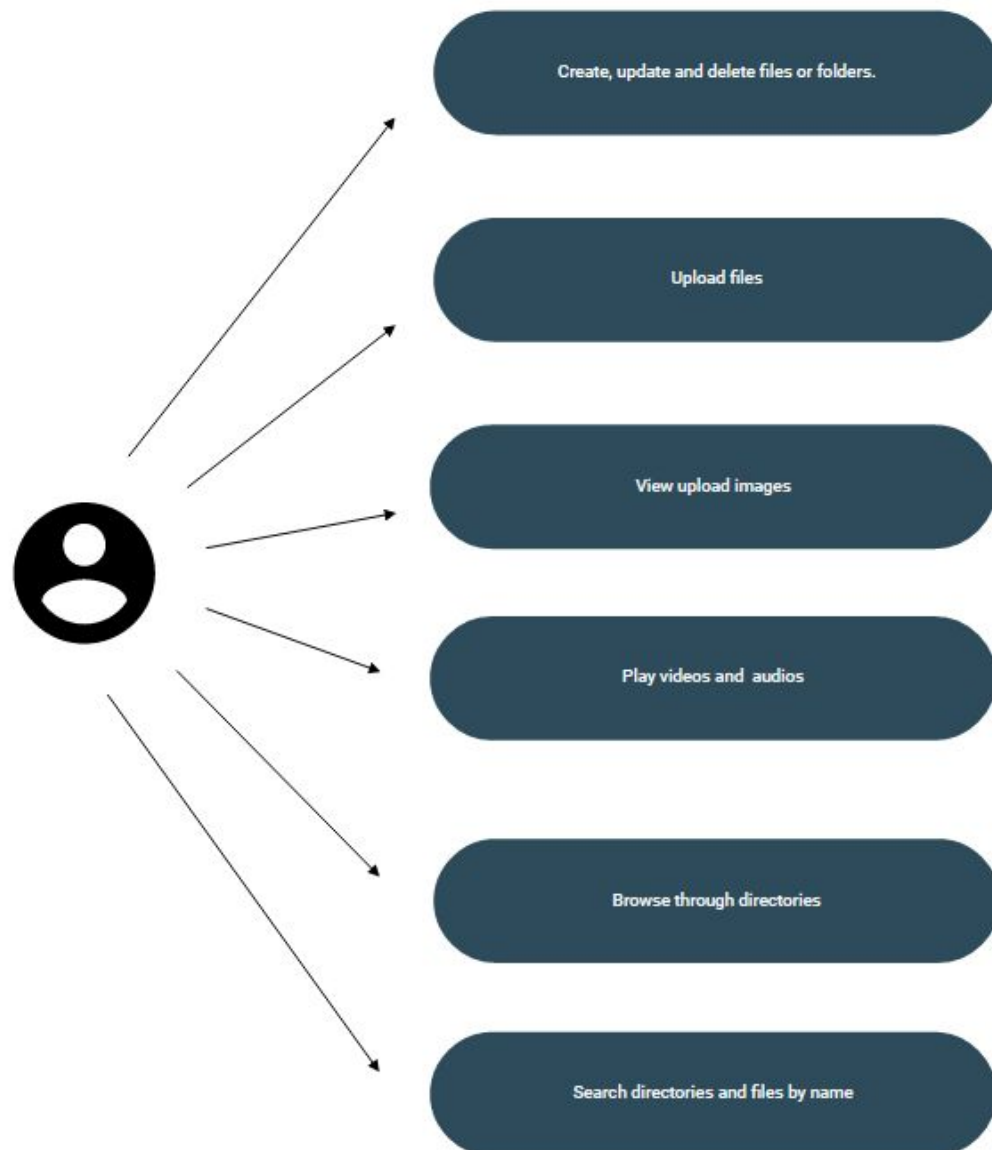
- **Create, modify and delete directories**
- **Browse through directories** from an **initial path**
- **Search directories and files by name**
- **Navigate through the initial path** and all the folders created from that path.
- **Upload a file** to a directory
- **See the information (Modified, Extension and Size) of files and directories**
- **Show the icon** of the main **file extensions**
- **View** the uploaded **images**.
- **Play** the uploaded **videos**.
- **Play** the uploaded **audios**.

WIREFRAMES



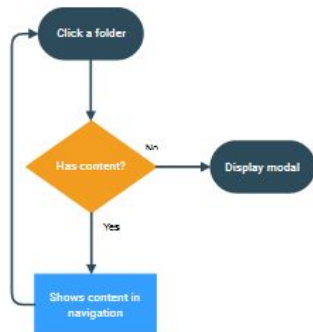
USE CASE DIAGRAM

In this use case diagram we represent a user's interaction with our project like browse through directories, play audios and videos, see images, create rename delete directories and update files.

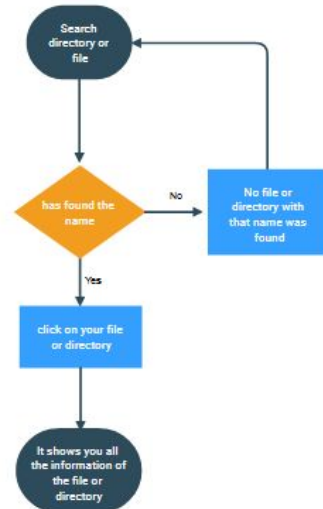


And also we create diagrams for how to implement this interaction:

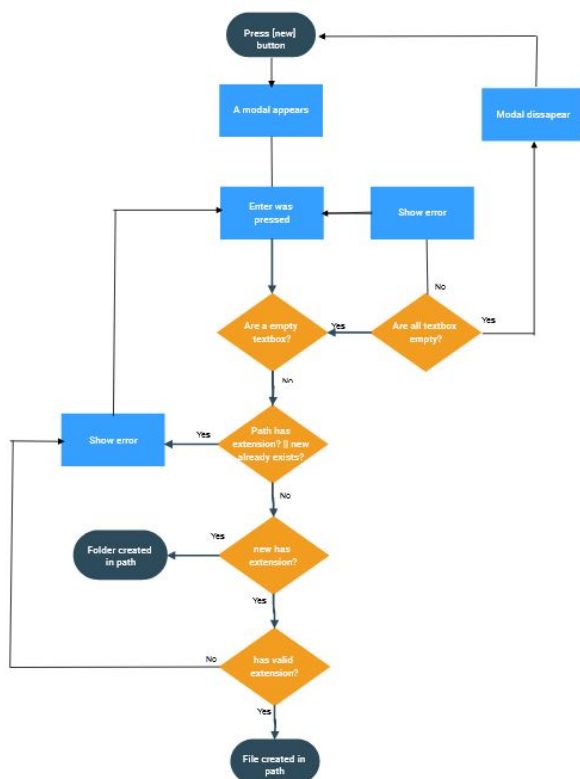
Browse through directory



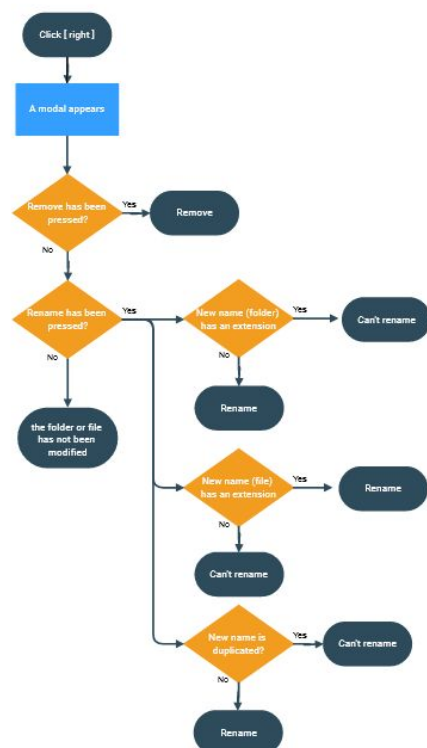
Search directory and files



Create



Modify and Delete



RECORD OF INCIDENTS

- At the beginning directories were created outside of root.
- Block with how to pass php data to json file.
- We wasted a lot of time in the validation of how to create directories and files
- We work together almost the entire project and for this reason we have not been able to finish the entire pill.
- Problems with merge branches.

LESSONS LEARNED

- Constants in PHP are global.
- Giving the value of an array to a variable in php does not create references but in objects it does.
- You can call php properties with a string: `$item->{'selectedItem'}`.
- Files can be easily uploaded to the server with js and php, using FormData, where string variables can also be saved so that they arrive next to the file on the server, however while the file is called with the `$_FILES` array, the variables are calls them with `$_POST`