

# Project 1

## File organizing

### #Details

Duration	6 Days	
Submit deadline	6 Sep	

You are asked to build a program that organize a specific directory passed by the user, by grouping directory's content (files) in folders of their category.

E.X: all images are grouped in a folder called `imgs`.

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### #Tasks

- Build 3 versions, v1, v1.1 and v2

## Version 1

- ☐ User can choose the path of the wanted directory.
- ☐ The app should organize that directory's files into nested folders based on the file category. E.X:

Category	Folder name
Images	Imgs
documents (like: pdf, docx, power point files, excel files, )	Docs
text files (like: md, txt)	Ideas
Data Files (like: dat, json, csv)	Data
audios, videos	Multimedia
other	Others

- ☐ Files should be moved to the new folders not copied
- ☐ after finishing, show success message
- ☐ Tag this version (v1.0.0)

## Version 1.1.0

- ☐ after finishing, show success message and **open the folder in file explorer**
- ☐ Tag this version (v1.1.0)

## Version 2.0.0

- ☐ The user should have the ability to customize Category names, for example:

Category	Folder name
Images	MyImages
text files (like: md, txt)	All Ideas
Data Files (like: dat, json, csv)	Data Formats

- ☐ these new settings should be stored and saved, and when the app is restarted, the new settings are applied by default.
- ☐ When the app runs, show to the user 2 options:

```
[0]: To modify settings
[1]: To organize a directory
```

- ☐ based on the user choose, you move to the next step.
- ☐ Tag this version (v2.0.0)

### #Conditions-Of-Acceptance

- Do Clean Code.
- Use C++ / C.
- Create the 3 versions with the same tasks mentioned above, and upload all the 3 versions to the same repository on github.
- Last commit of each version should be tagged by the version name.
- Submit before the deadline.
- The Repository should be on your own github account and **public** not private
- AI Generated codes are **NOT** allowed.

## Finally

Hamza and all Crew24 members, Mentors and Heads believe in you, JUST try hard as much as you can, search, and think, imagine and build.

Do **NOT** hesitate to ask for help if you are stuck, and if you can help others, do it.

This is the way to become [#The\\_Next\\_Hashira](#)