

Instruction Guide Guidelines

Dear Students,

As you are aware, you have been working on the "Operating System Simulator" project in your groups, and are expected to build a functioning operating system with at least 15 tasks implemented. I hope that you will make good progress and enjoy the project.

As a part of the project submission, I would like you to submit an instruction guide that explains how your operating system simulator works and which tasks you have implemented. The guide should be detailed enough to help someone unfamiliar with your project understand how to use and interact with your operating system.

In your guide, please include the following information:

- A brief introduction to your operating system simulator and description of the core tasks (10 compulsory tasks bold in the list below) that you will implement.
- A description of at least 5 optional tasks that you will implement.
- A description of any additional functionalities or features that you will be added to your operating system simulator.
- A step-by-step guide on how to use your operating system simulator

I encourage you to include screenshots, diagrams, and other visual aids in your instruction guide to make it more informative and engaging.

Please note that the instruction guide is an essential part of your project submission and will be evaluated along with your operating system simulator. The deadline for submitting the instruction guide and the operating system simulator is 30-04-2023.

Here the list of tasks: First 10 bold tasks are compulsory for each group and rest 5 are optional that you can select out of the unbold below list of the tasks (you are allowed to make overlapping in 2 tasks out of 5 optional, your rest 3 tasks should be different from every peer group)

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- **Notepad (writing into file with auto-save function)**
- **Calculator**
- **Time**
- **Creating a file**
- **Move file**
- **Copy file**
- **Delete file**
- **Check file info**
- **Image viewer**
- **Text editor**
- Audio player
- Minigames (minesweeper, snake game, etc.)

- Task manager
- File explorer
- Disk cleanup
- System information tool
- System settings tool
- Print manager
- Network settings tool
- Backup tool
- Restore tool
- Password manager
- Clipboard manager
- Timer
- Stopwatch
- Alarm clock
- Contacts manager
- To-do list manager
- Text-based web browser
- Simple media player
- Simple image editor
- Simple audio editor
- Simple video player
- Simple file compression tool
- Simple file encryption tool
- Simple file decryption tool
- Simple text encryption tool
- Simple text decryption tool
- Simple system monitor
- Simple task scheduler
- Simple batch file processing tool
- Simple script execution tool
- Simple command-line interface
- Simple file renaming tool
- Simple file search tool
- Simple system log viewer
- Simple system backup tool
- Simple system restore tool
- Simple system cleaner
- Simple file transfer tool