



Operating Systems 2023: Project Proposal

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A Custom Shell for Productivity

Description

Our project idea is to program a custom shell. This shell shall provide a command that starts a productivity mode and may look as follows: *pmode <time>*

When this productivity mode is on, certain apps shall not be usable and certain websites shall be blocked. The goal is to prevent the user from getting distracted from their work. The productivity mode shall last as long as specified by a command argument.

Depending on the task complexity and our experiences with the first prototype we will add more commands and functions like:

- Adding/removing apps and websites to the whitelist/blacklist
- Displaying messages on process prevention/killing
- Showing the remaining time
- Disabling the productivity mode early with admin rights

Requirements

None