Technology for communication: Discord, Outlook, GitHub issue tracker

Our first idea is a tool with the ability to create, view, modify, execute and export AutoHotkey scripts in a more accessible and user-friendly format. This software differs from it's competitors in that it does not require an internet connection to work, has a simpler user interface, and is capable of directly generating executable files. Utilizing the WPF development platform, the user will be able to interactively create AutoHotkey scripts that automate typing, clicking, and window management, while also allowing for chaining commands together with timed delays. The user will be able to upload their script configurations to a user profile stored within a database. This is our preferred project.

Our second idea is a board game management tool. The target audience for this software is board game hobbyists who own many, possibly complex board games and want to keep track of information about all the games they own in one space. This is an interesting and novel idea because there is no mainstream software out there for this purpose. The primary functionality of the software is to allow the user to add board games to the tool tracking its name, difficulty, playtime, and recommended ages. If possible, importing rules from a PDF document could be implemented as well. The user would then be able to filter the board games based on these criteria and search the rules for specific information they're seeking. There would also be a function to allow users to add house rules or reminders to themselves for future playthroughs. Lastly, users will be able to create profiles to track high scores and other statistics.