

Visualizing the Execution of Command Patterns

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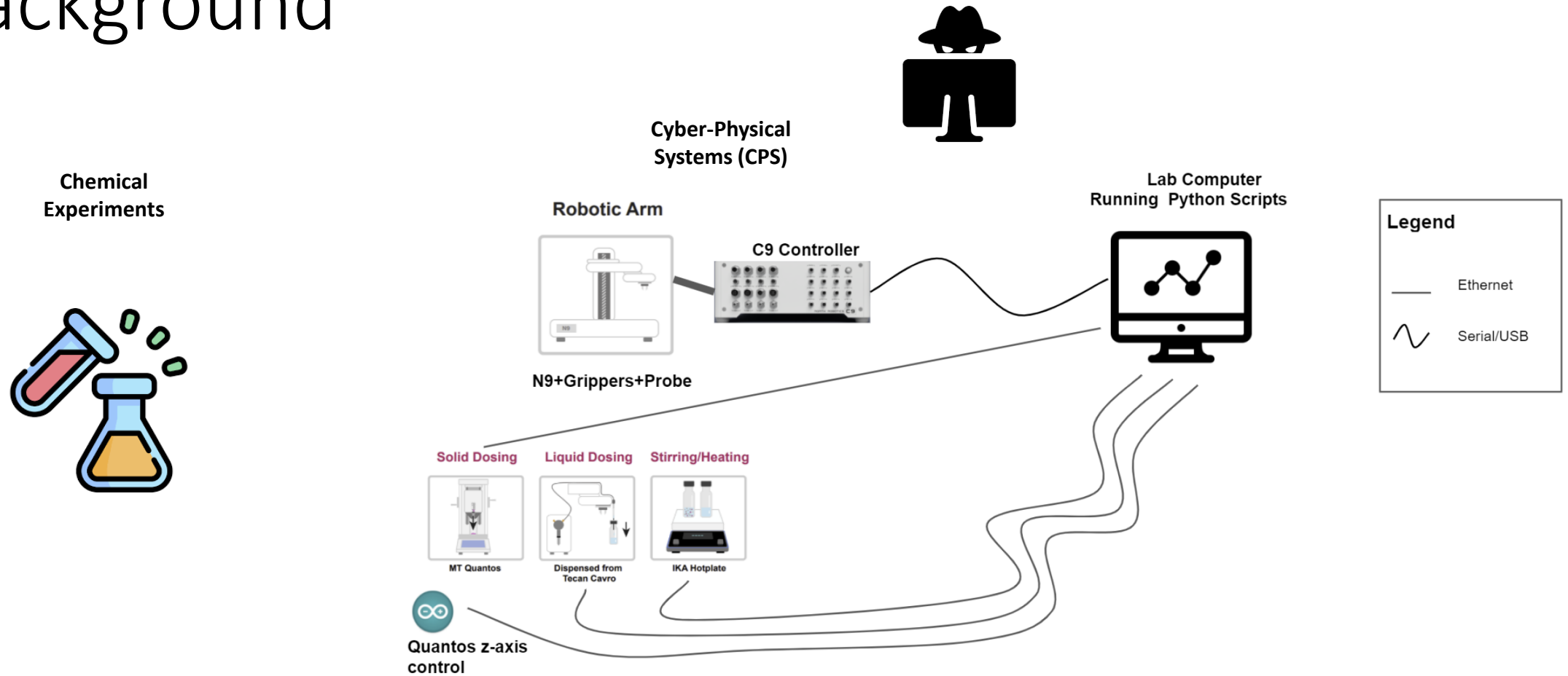
Overview

- Background
- Goal
- Solution
- Results
- Limitations and Future Work

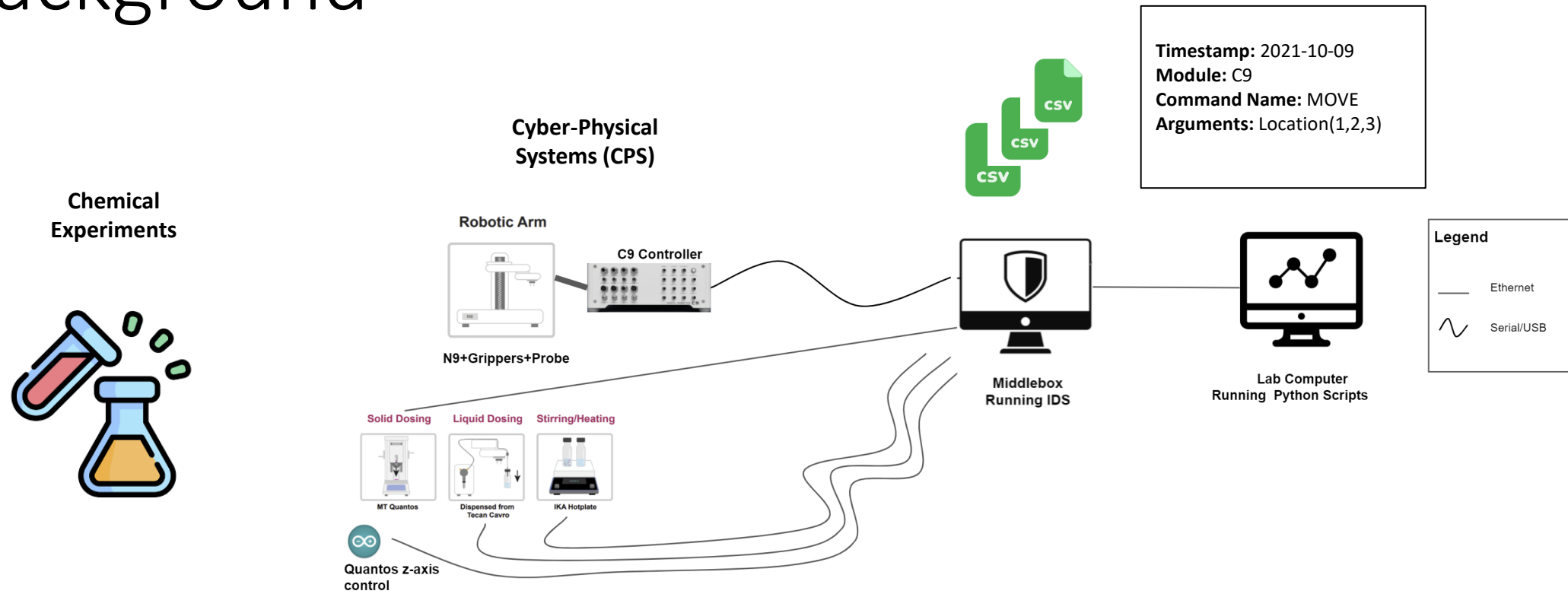
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Goal

- Visualize the execution of command patterns.
- Similarity and differences between experiments .
- Understand the signatures of the commands for every experiment.

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Solution

- Tools : Python, Plotly and Dash
- Web Application

- **Demo URL:**

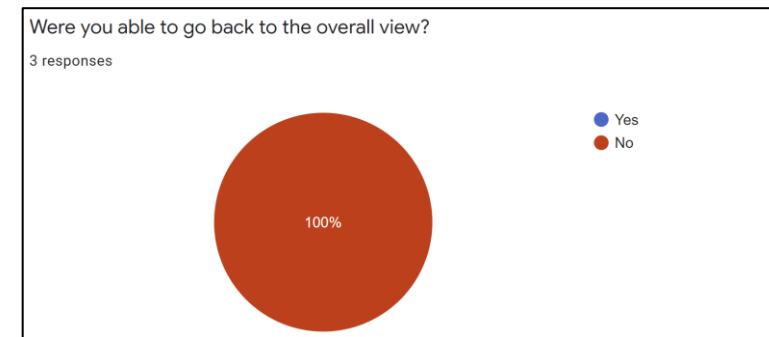
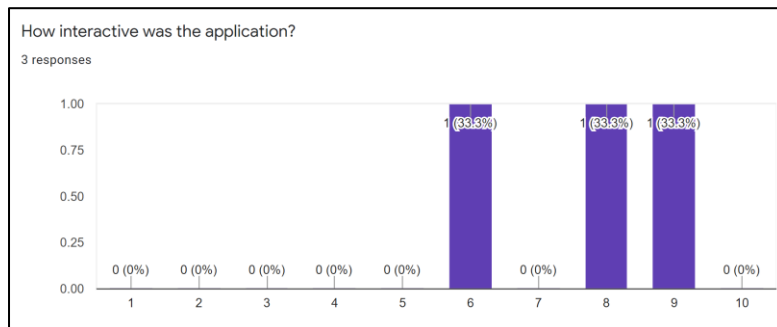
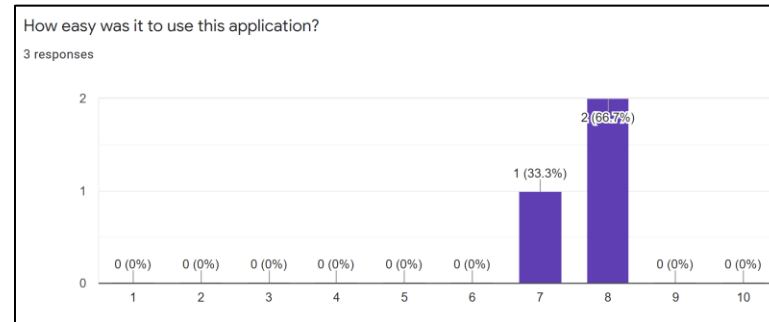
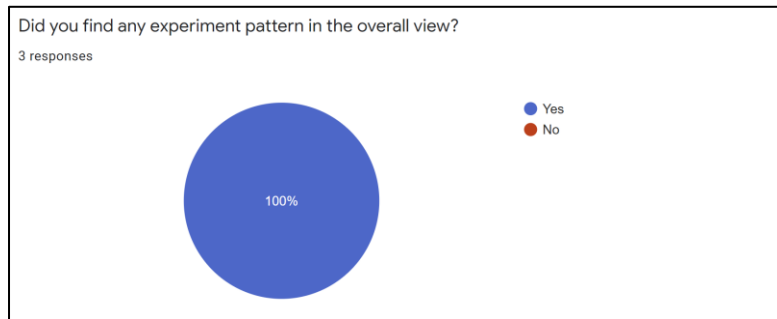
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Results

- Three users ran the application and filled a survey.



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Limitations and Future Work

Limitations / Lessons Learnt:

- Users found it difficult to go back to the overall view.
- As the dataset increases, it will be difficult to show overall view.
- Choosing the best tool according to the requirements in the start.

Future Work:

- Real-time execution of experiments.

Summary

- Visualized the command patterns for different experiments.
- Web application.
- Useful in understanding the comparisons between different experiments and the signature of each experiment.
- Overall, users found it easy to use and interactive.

Thank you!

