

NAO Autonomous Vehicle Operation

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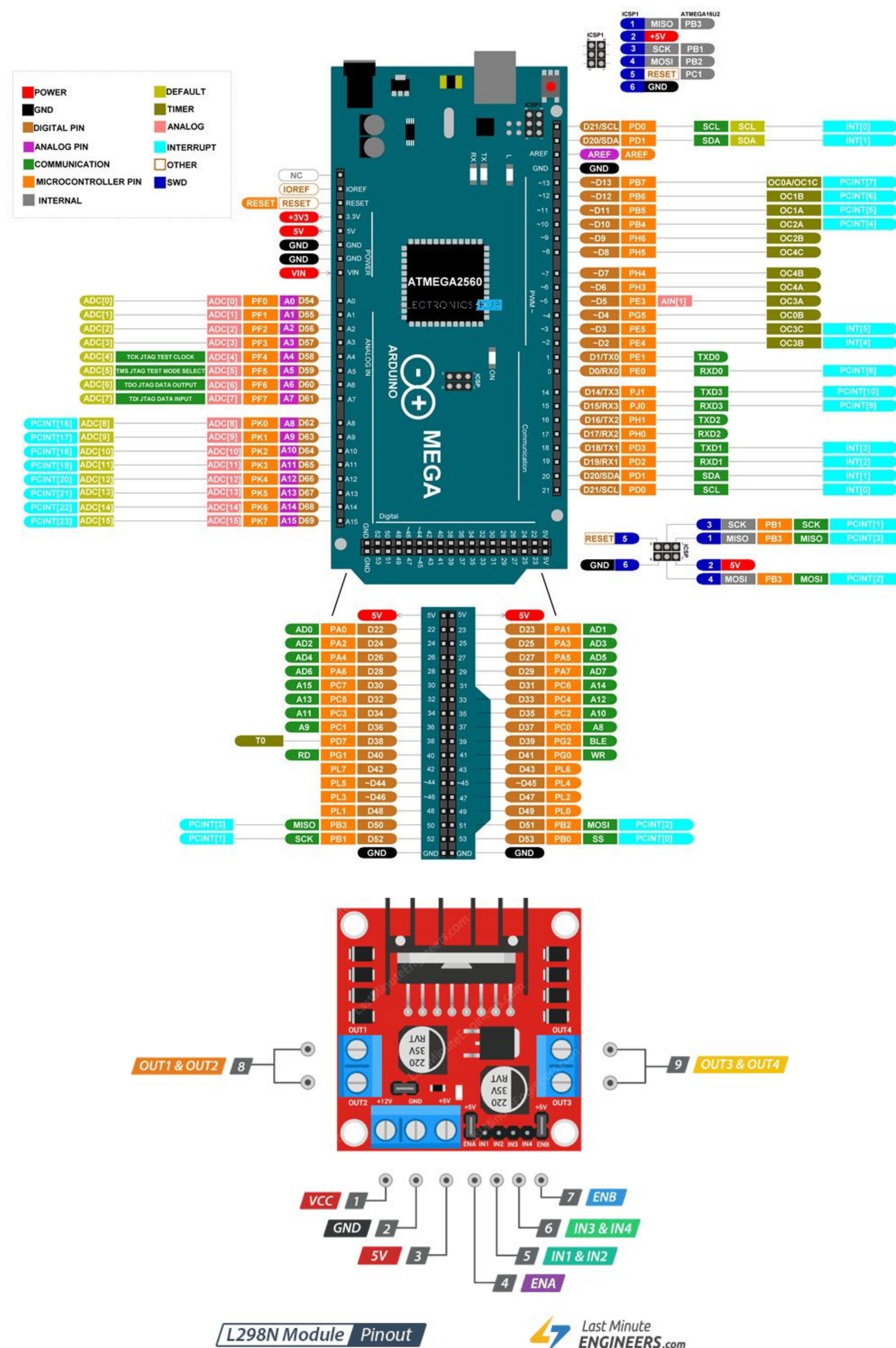
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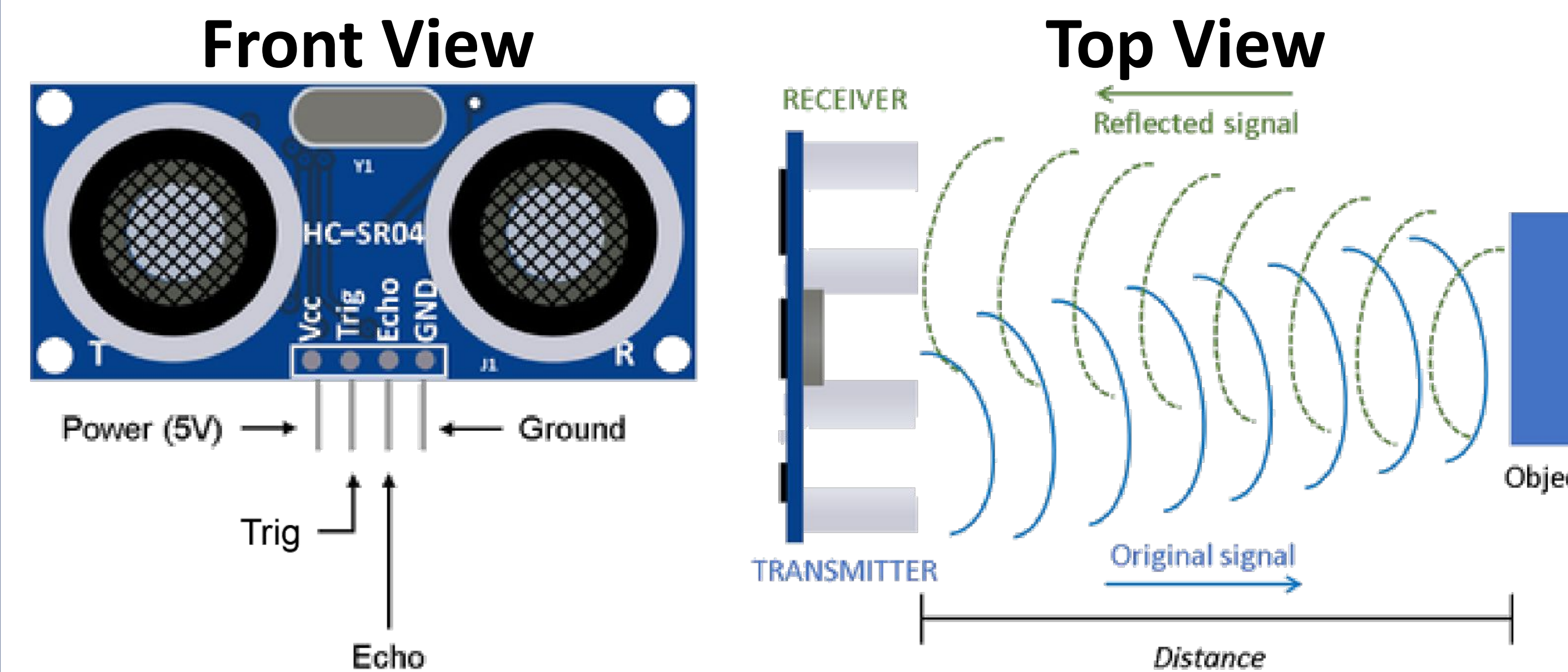
Objective

- Improving NAO car project from 2016
- NAO car can autonomously navigate Armstrong Hall while dynamically avoiding obstacles
- Target areas are car steering/handling and migrating from algorithmic navigation to neural network navigation

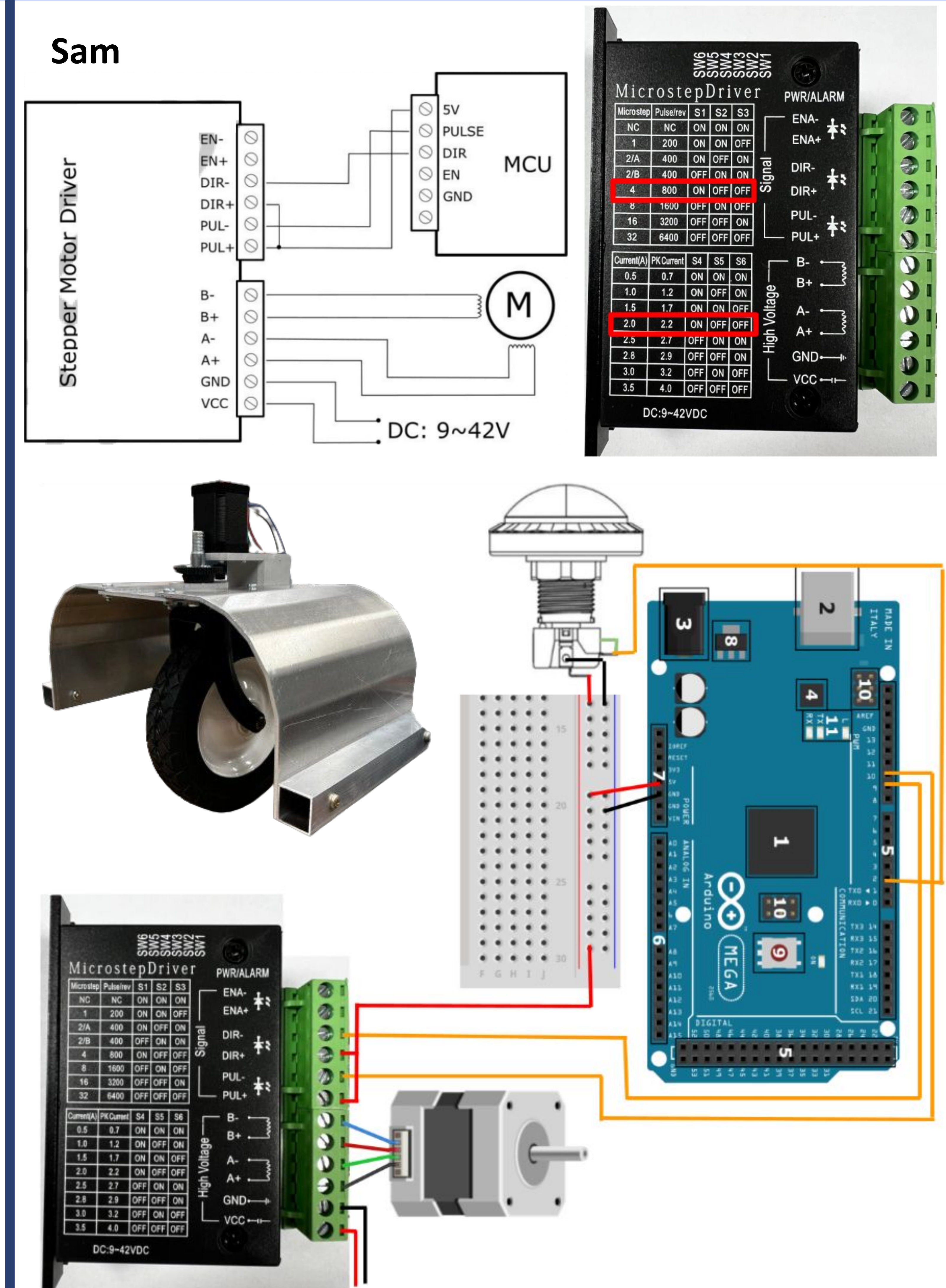
Joe



Dirk



Sam



Conclusion + Future Work

In the Future we plan to implement April Tags where the NAO robot can identify individual rooms inside Armstrong and provide a brief description of the purpose of the room.

