

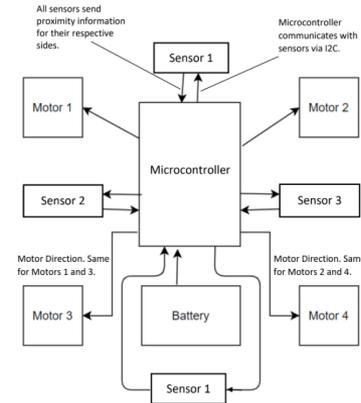
TurtleBot 3

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Brief Description

- Autonomous small vehicle
- Built from scratch.
- Rechargeable battery for continued use.
- All wheel drive
- Upgradeable components
- Built to have additional features added
- Easy to use for wide range of users.

System



Materials



Conclusion

- The development process requires a lot of trial and error
- Matching components needs to be precise
- Not as much torque as expected
- Balancing power distribution is more difficult than anticipated
- Interfaced and troubleshooted seven pieces of hardware
- Vehicle successfully navigates its surroundings