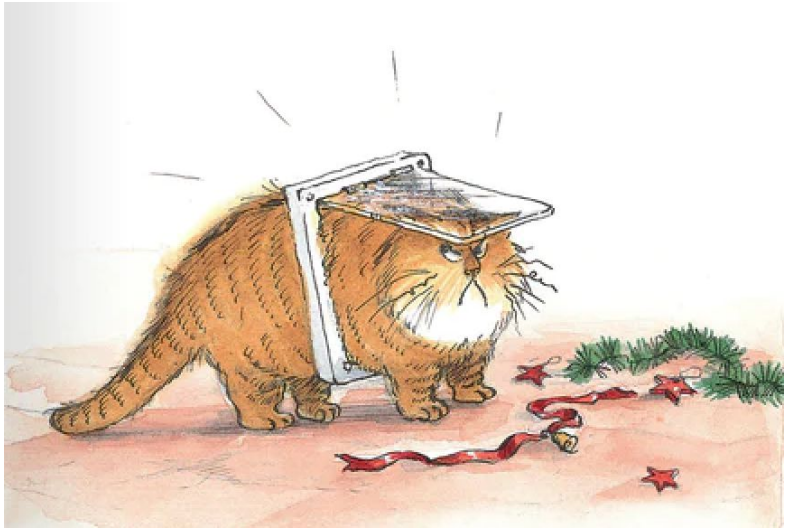
Cat flap



Agnes & Nabaz - IR sensors

- Created prototype for the sensor

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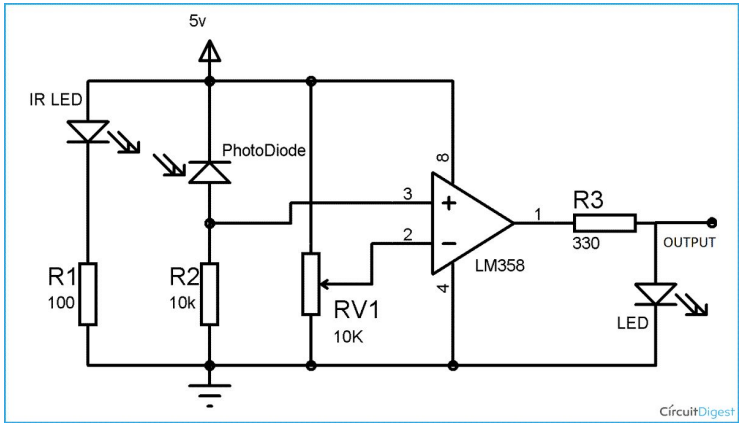
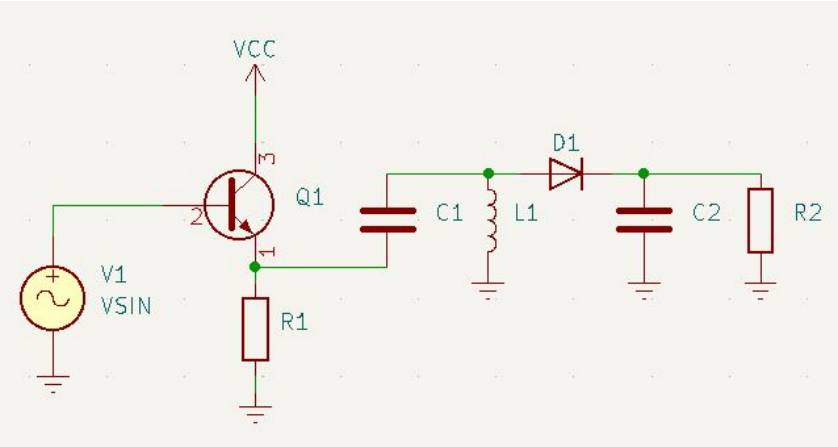
- Research and Improvement
  - Sensitivity
  - Energy efficiency



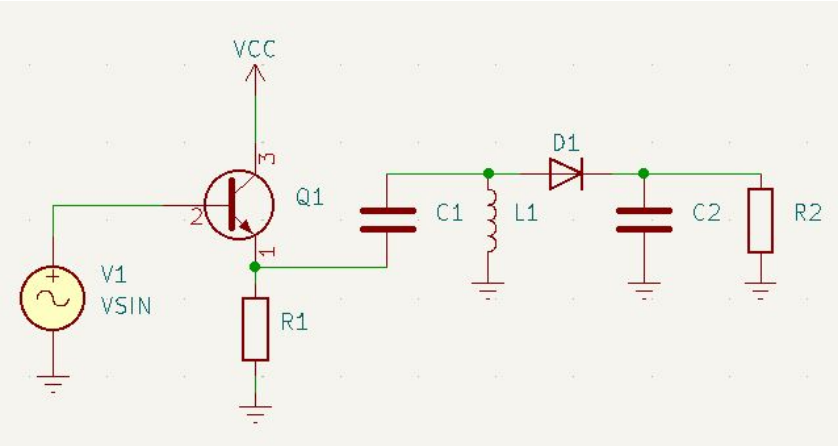
Jakob & Arvid - Antenna

- Gained enough understanding RFID to start working on the new design



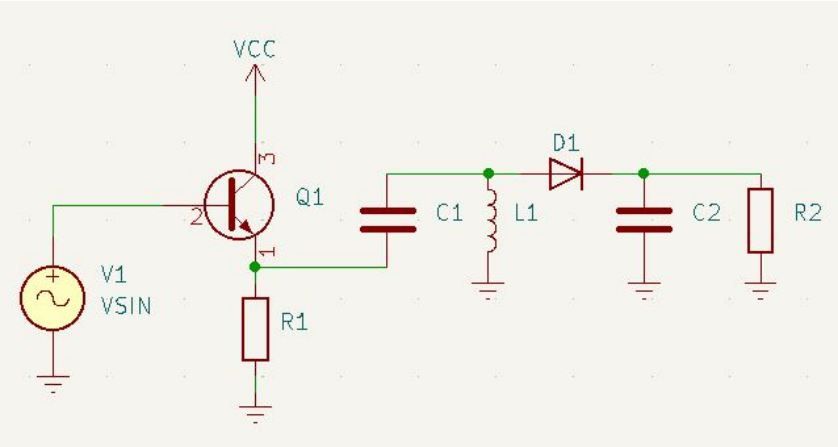
Jakob & Arvid - Antenna

- Gained enough understanding RFID to start working on the new design
- Measured the signal of the pet microchip and antenna for further analysis



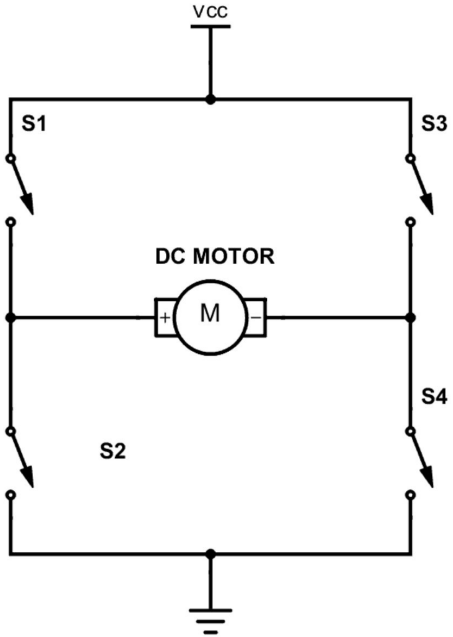
Jakob & Arvid - Antenna

- Gained enough understanding RFID to start working on the new design
- Measured the signal of the pet microchip for further analysis
- Have started simulating on a preliminary design



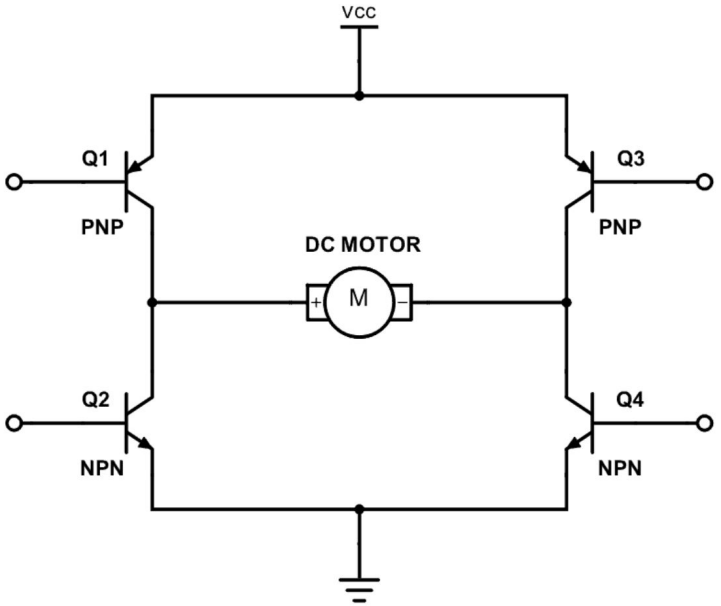
Matilda & Anders - Motor

- H-bridge to control the direction of the motor



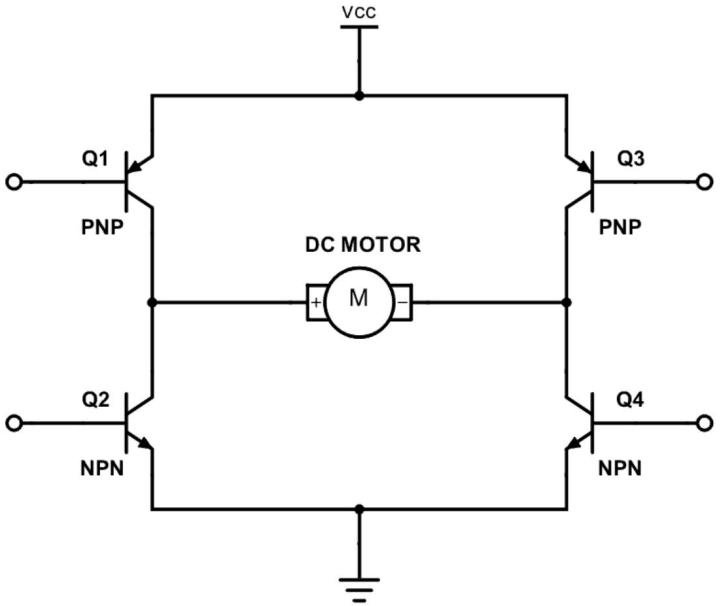
Matilda & Anders - Motor

- H-bridge to control the direction of the motor
- NPN and PNP transistors



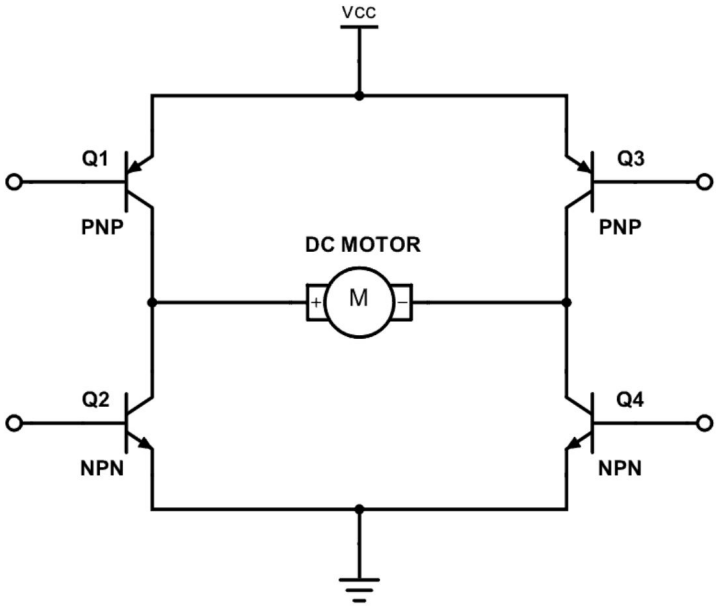
Matilda & Anders - Motor

- H-bridge to control the direction of the motor
- NPN and PNP transistors
- Played around!



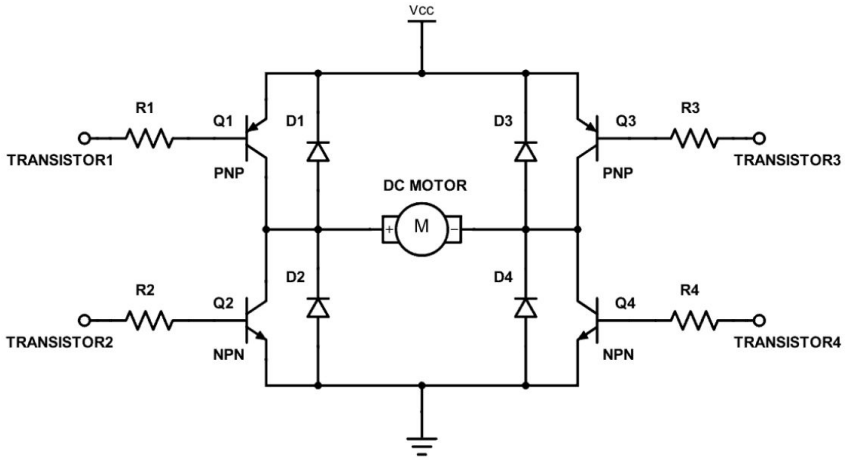
Matilda & Anders - Motor

- H-bridge to control the direction of the motor
- NPN and PNP transistors
- Played around!
- Choices (DVR8837) + report



Matilda & Anders - Motor

- H-bridge to control the direction of the motor
- NPN and PNP transistors
- Played around!
- Choices (DVR8837) + report
- Proper electric circuit →



Questions?