

AGRO AUTOMATION

BATCH NUMBER – 180456



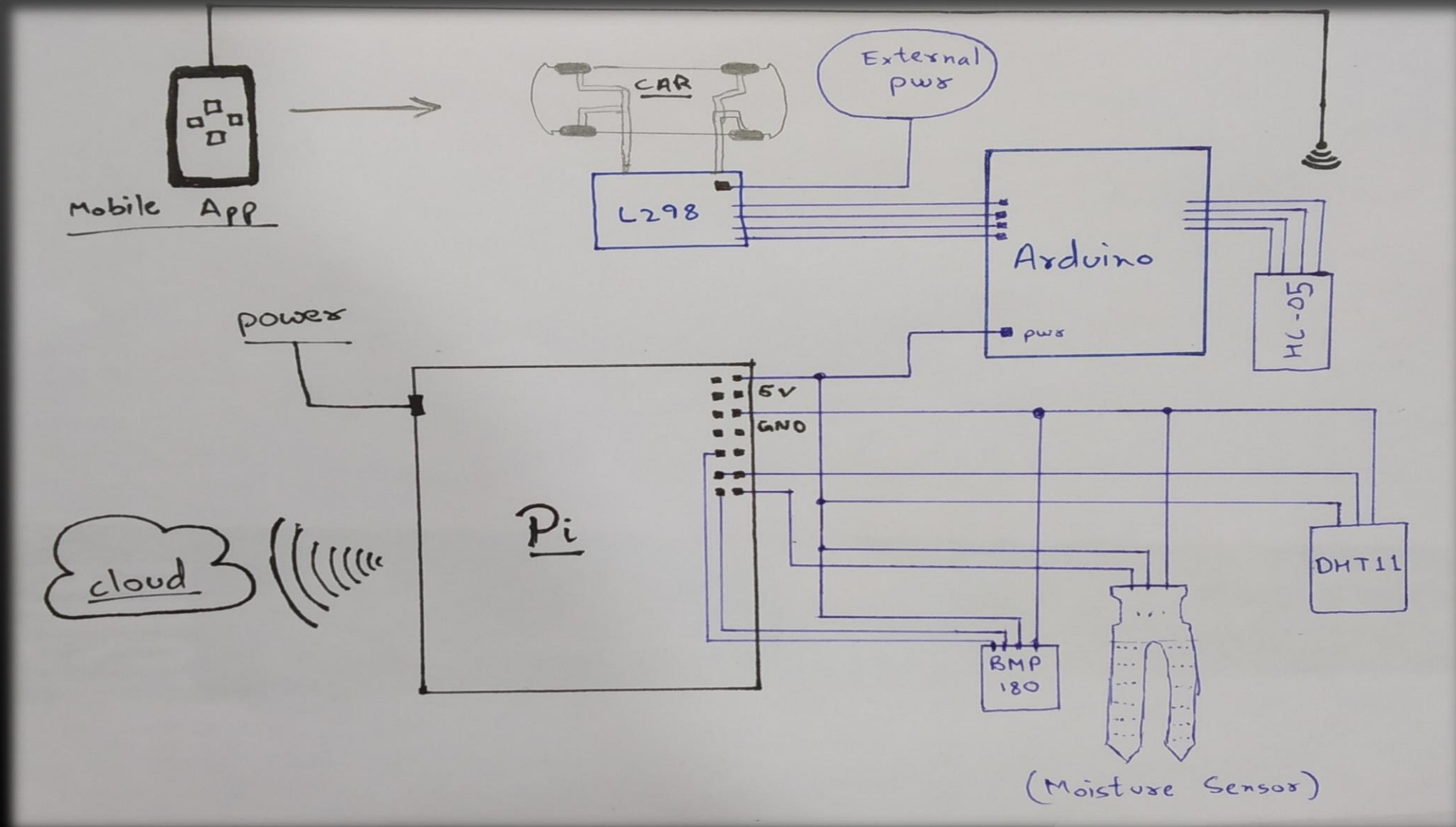
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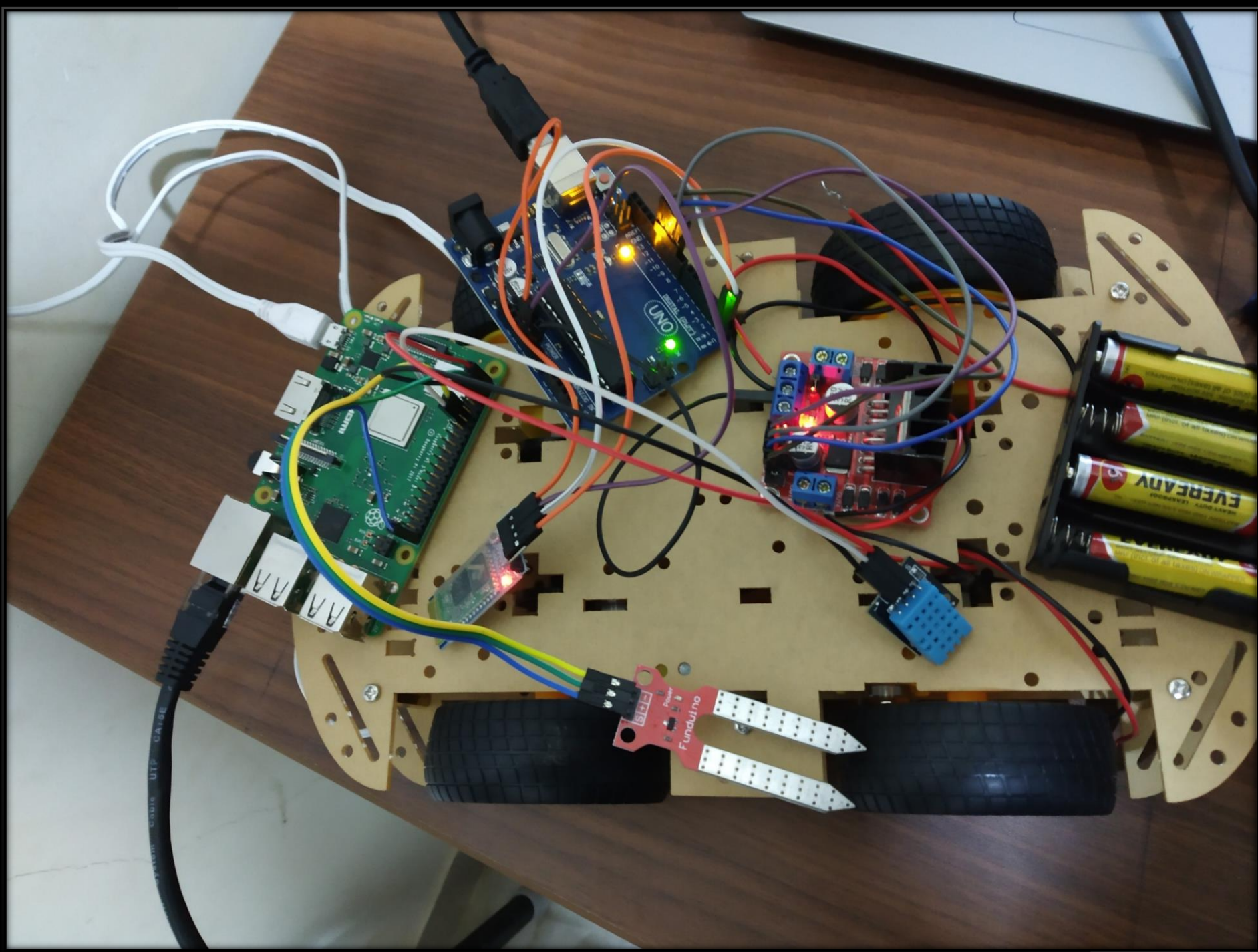
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WORKING PROTOTYPE

- Complete weather station including :
Temperature, Humidity, Atmospheric Pressure & Soil Moisture
- Mobile chassis with all the sensors mounted
- Working website for weather data
- App for controlling vehicle
- No external connections

CIRCUIT DESIGN





TARGET ACHIEVED

- Partially operational chassis
- Working website with data
- Working weather station except Pressure sensor

FUTURE IMPROVEMENTS

- Self driven Car
- Intervallic soil moisture testing
- Integrated app for car and weather data
- Off –road chassis for farms
- Connectivity via GPRS

REFERENCES

- 1) <https://www.instructables.com/id/Soil-Moisture-Sensor-1/>
- 2) <https://projects.raspberrypi.org/en/projects/build-your-own-weather-station>
- 3) <http://www.sparkfun.com>
- 4) <http://www.github.com>