

Simple vehicle traceability

Write an application for a vehicle traceability network in sawtooth, where a vehicle can be tracked through its lifecycle.

Our network should have two participants

1. Vehicle manufacturer, who writes details about the vehicle
2. Registration authority, who writes registration details

Manufacturer

- Writes the details of all the vehicles that are produced with a unique Vehicle Identification Number.
- The manufacturer should not be able to register vehicles in the network.

Registration Authority

- Writes details corresponding to the registered vehicle at the time of registration.
- Registration authority should not be able to add manufacturer details.
- Registration authority should not be able to register vehicles that were not added by the manufacturer.

Things to remember:

- Any data stored on the blockchain can be viewed by everyone who has a copy.
- Traceability is for the vehicle. So personal/sensitive data should not be stored on blockchain. For our exercise, we can assume that any such data needed, is stored elsewhere.