DApp   Design   Decisions

1.Owner deploys the smart contract with their address and a vin(unique number).

2.Certain criteria are set for the smart contract functioning such as the price and rights of sale can only be done based on ownership.

3.Sell function changes the cars ownership from the original owner to the buyer address

4.Buy function occurs when there are any prospective buyers who want to bid and if they pass the base price be able to acquire the cars ownership (it is payable).

5.Cashback offers the buyer to view the balance price remaining in their function after the respective bid.

6.Return bidders offer to view the number of participants in the whole buying array.

7.New car records can be added into the blockchain.

8.We can get Owner information with whole slew of the car record details by entering the address of the owner.

9.We can change ownership of cars by entering previous owner address,new owner address, car address and index.

10.There is also a possibility of removing a car record by entering previous owner address and its index.