

Dog Chain – A Blockchain Enabled Record Keeping for Your Dogs

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OVERVIEW

In many country, dogs are given birth certificates, including in India. These certificates are needed in case the dog needed to be travel between countries. And also the certificates give the dog more value.

It is also necessary to keep record of your dog's medical records. i.e., keeping track of the vaccinations, records of treatments for any kind of illness or accidents.

And the owners of the dogs should have ownership certificates for their dogs. If any kind of selling or transferring of ownership happens, these certificates should include information about that too.

So through this project, I am considering to combine birth certificate, medical records, and ownership certificates in a single platform powered by the blockchain technology.

GOALS

1. Create birth certificates for dogs.
2. Record their vaccinations.
3. Keep track of their treatment records.
4. Create ownership certificate for dog owners.

SPECIFICATIONS

There would be two kinds of users in this platform. One is dog owner and the other one is veterinary doctor.

Each dog will be given a specific id in their birth certificates. This id is used to track the information about them. This id will be used in their health records, and ownership certificates also. The birth certificate contains information such as initial health condition, birth weight, breed of both father and mother (If it is a cross breed) etc.

The health record can be useful to get information about the treatment provided for any previous illness or accidents, vaccinations records etc. The name of the veterinary doctor who treated it and hospital name, data of the medicines and medical verdict of the veterinary doctor are also added.

The ownership certificate can be used to track the previous owners. And it will also be useful if any kind of legal complication happened.