Minister of Health

Issues an authorization to the doctor, so that he can do prescritions and diagnosis. The authorization is given **only the first** time, ideally when the doctor passes the exam required to become a doctor. The transaction issuing the authorization is verified by digital signature, so that the transaction can be validated only if encrypted with the private key of the minister.

Doctor

At every diagnosis, the sender is checked to be a doctor and then the authorization is checked. Every time the authorization is decrypted using the public key of the Minister, if the decryption fails the transaction doesn't go on.

Patient

In the example below: the transaction 1 shows the diagnosis of one doctor to one patient. The second transaction instead, represents the Minister issuing one authentication to a doctor.

Block 1

Transaction 1

From address: sdnona21sdnwk1 **to address**: sdnoawdjwiku347

Illness: Celiachia

Transaction 2

From address: cshocpnsi73823u **to address**: sfsoldjwoejiw79

authorization: 189279406847hfsinq083n