Digital Swasthya Card

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Introduction

An electronic health record system on blockchain. A medium for the interactions between Patients and Medical Authorities.

All details of the user's Medical History in real-time to authorized practitioners securely and hassle free.

Reduces Cost, Promotes Transparency.

We have all faced this...

1. Made to take same tests over and over again for no valid reason.
2. Difficult to manage big medical records for long patient history.
3. Having to keep track of the whole process from appointment to medicine intake on our own.
4. Being subscribed different medicines by pharmacist.
5. Cannot explain conditions properly to doctors due to lack of medical terminology.

We solve them all!

A complete solution to all Medical Ambiguity

Dead-simple Process

Doctor scans patient's QR Code.

Gets patient's medical data in correct format with all details.

Adds new Diagnosis, Prescription and Tests.

We bring important changes

- Medical Tests under validity cannot be refused by anyone.
- No one can edit your previous medical records.
- The flow of data and money becomes transparent.
- Chemists are restricted from selling drugs or black-marketed medicines.
- Long medical records are made portable and easy to access.
- Ease of changing doctors and communication of data.

Why Us?

Digitization

Digital old medical reports , documents or details, insurance and medical history etc.

Integrated Health Platform

Get health records and information from healthcare provider and stay connected.

Accuracy

Provide accurate, up-to-date, and complete information about patients.

Privacy and Security

Securely sharing information with patient and other clinicians.

Reducing Cost

Through reduced paperwork and duplication of testing.

Secure & Fast: Digital Medical Records

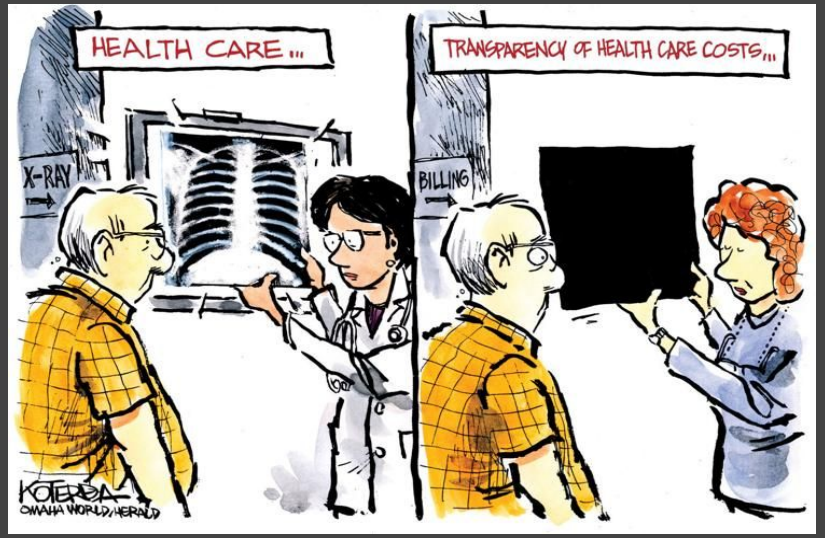
- ➔ Ease of **Access** & **Portability**
- ➔ Authentic Data Transfer between Medical Authorities
- ➔ Data witnessed by all peers in network for credibility

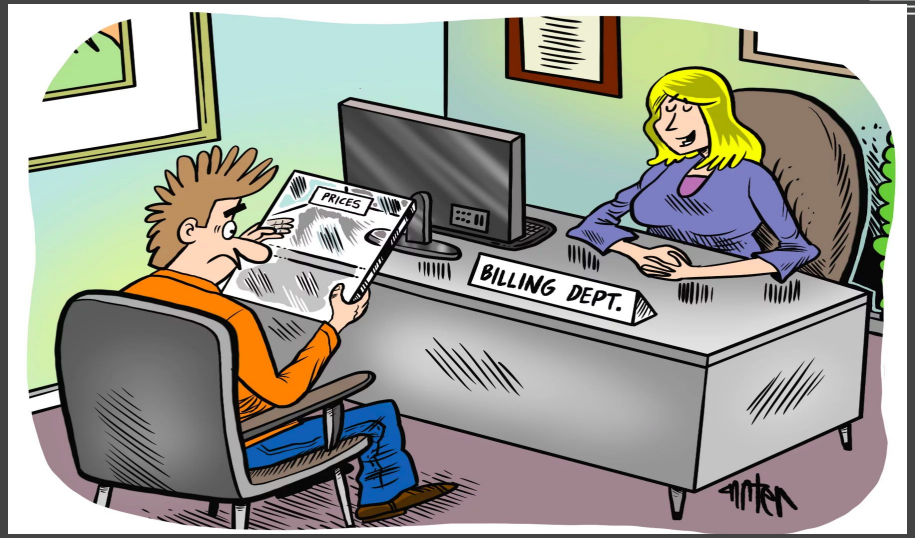
Implement Privacy

- ➔ Unauthorised user can’t edit your data
- ➔ Access only through your identifiers (Face, Fingerprint, OTP)

Preventing Black Marketing

- ➔ Keep records of bills
- ➔ Validation of flow of money ensures no black purchases





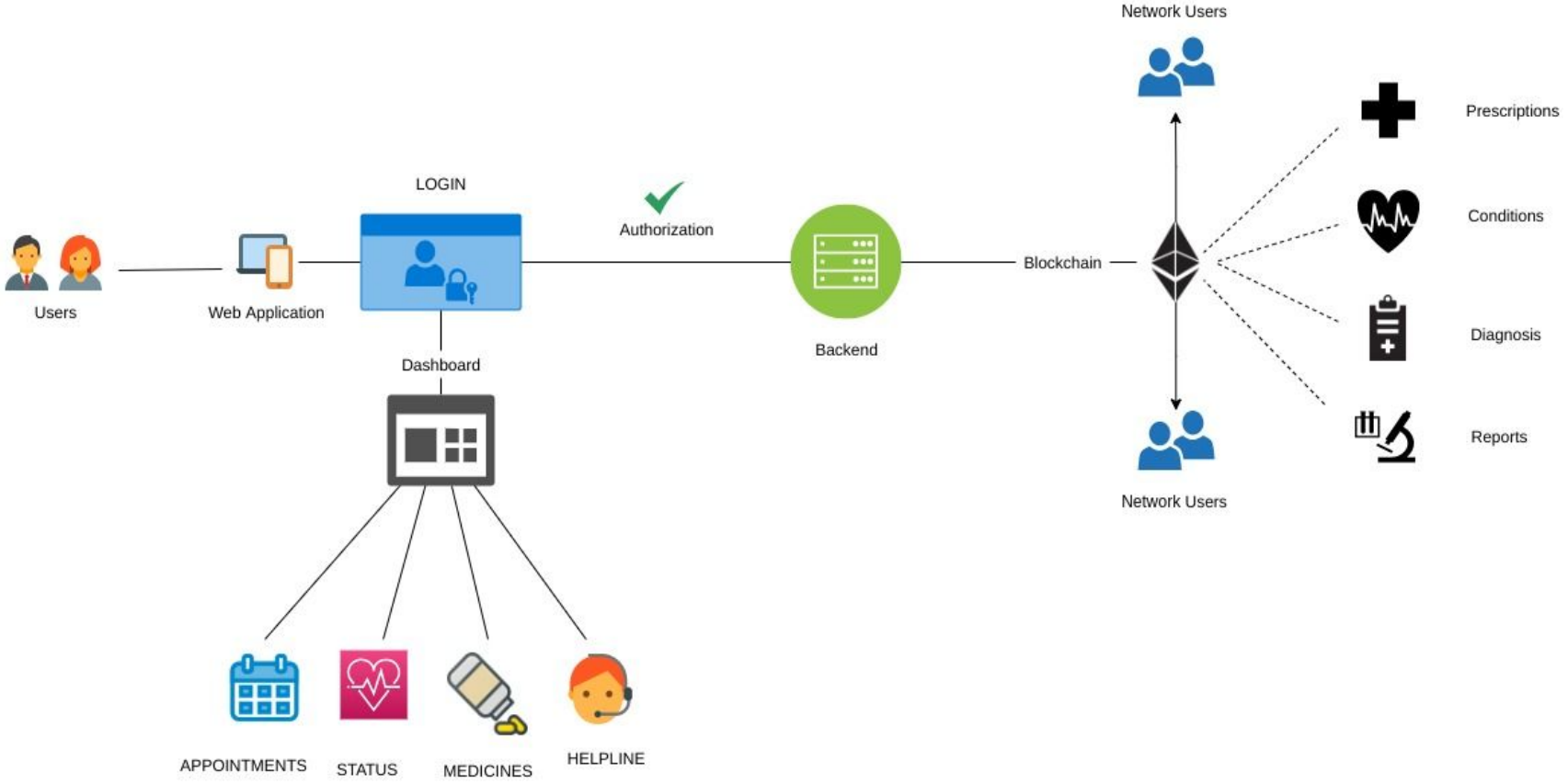
Promoting transparency

- ➔ No more denial of medical tests across various Institutions
- ➔ Medical tests will have national validity
- ➔ Medical history conveniently available to doctors

TECH STACK

Front End	HTML,CSS,Javascript
Back End	Node JS
Database Driver	MongoDB API Parser
Blockchain DB	Distributed Bitcoin Network

Behind the Scenes

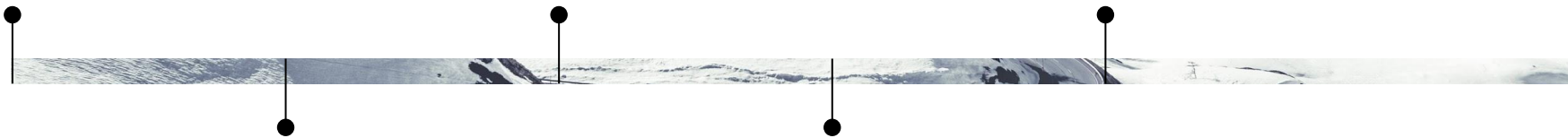


Future Scope

Linking the various healthcare schemes to DSC.

Linking the DSC to user's medical payment account.

Using Artificial Intelligence to help in preliminary diagnosis.



Allowing for DSC to be easily portable to accommodate medical tourists.

Recommending DSC certified hospitals taking user's profile into consideration.

Possible Loopholes

- ➔ The transaction time increases with users.
- ➔ When implemented on a large scale data storage becomes costly.
- ➔ In case of emergency situations medical data of users need to be accessed anonymously.

FAQ

01 | Children will be issued their swasthya card at the time of their birth.
02 | One’s swasthya card only expires at the time of death.
03 | Non citizens shall be provided temporary cards during their stay in India.
04 | Migrants will have permanent swasthya card similar to that of an Indian citizen.
05 | Swasthya card will be a corner stone for making universal public healthcare in India a reality.

Thank you.