

DAYANANDA SAGAR COLLEGE OF ENGINEERING

Department of Computer Science & Engineering

A BLOCKCHAIN-BASED HEALTH INFORMATION EXCHANGE WITH A PATIENT-CENTRIC APPROACH



Doctors can add new patients by providing patient info. They can confirm or reject the appointments requested by patients. Doctors can also add new

medical records after providing

treatment.

Pharmacist

Batch 29

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Guide

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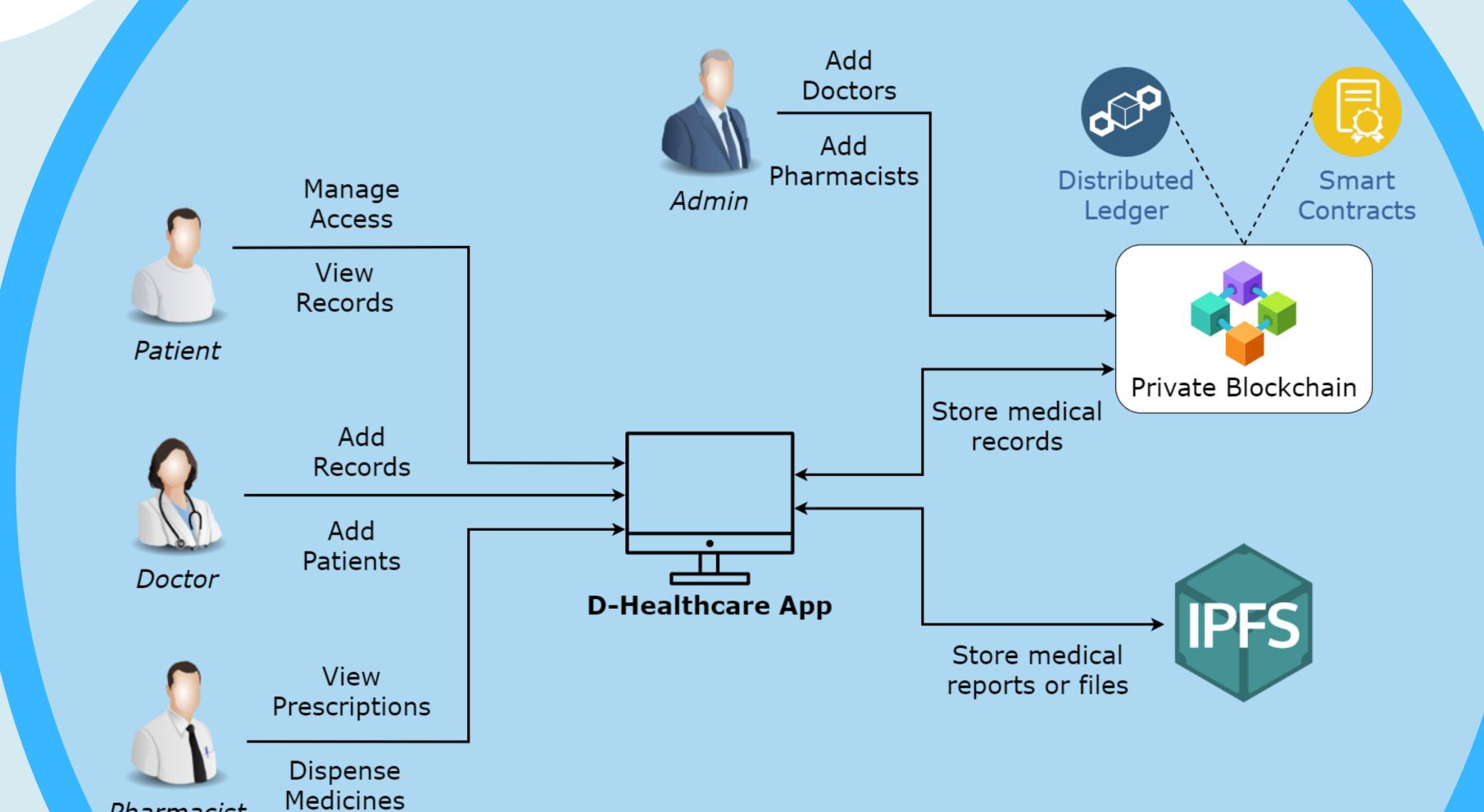


Patients can view their own medical records. They can also grant or revoke *read* access to doctors. Patients can request appointments to visit the doctors for treatment.

Blockchain empowers patients by giving them control over their own data. It is a secure digital ledger.



Pharmacists can view patient prescriptions, and dispense medicines to the patients.



IPFS (InterPlanetary File System) is used to store medical files and lab reports. This reduces the burden on the blockchain.



Admin is responsible for verifying and registering doctors and pharmacists into the system.