

1 MEDICAL HISTORY IN A BLOCKCHAIN



Team: Katarína Chavková, Nikola Gundziková, Michala Štofirová, Ráchel Saraková
bart mentor: Ing. Martin Čuchta | **kpi mentor:** Ing. Branislav Madoš, PhD.

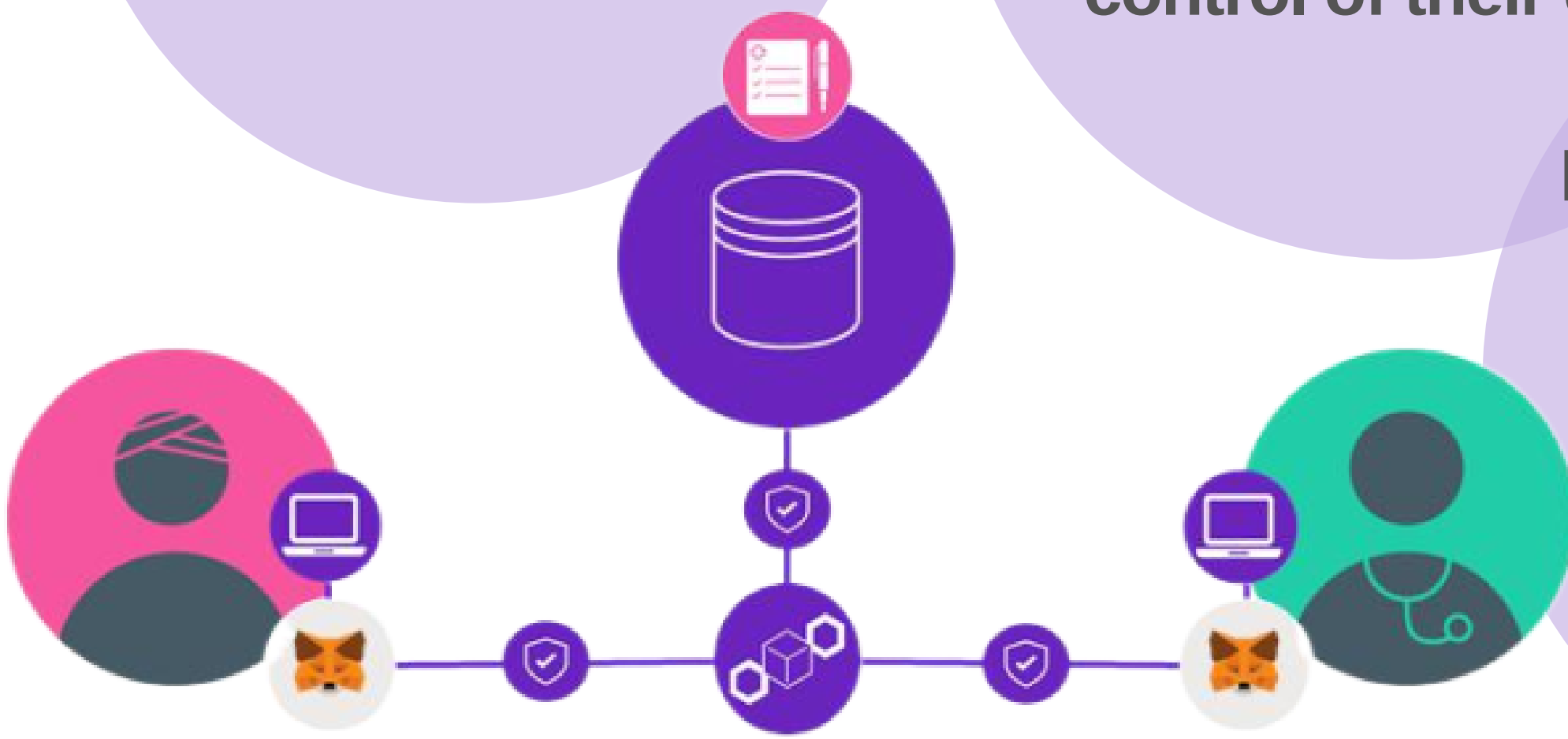
PROBLEM

Total and sole proprietorship of medical data in electronic form by the patient

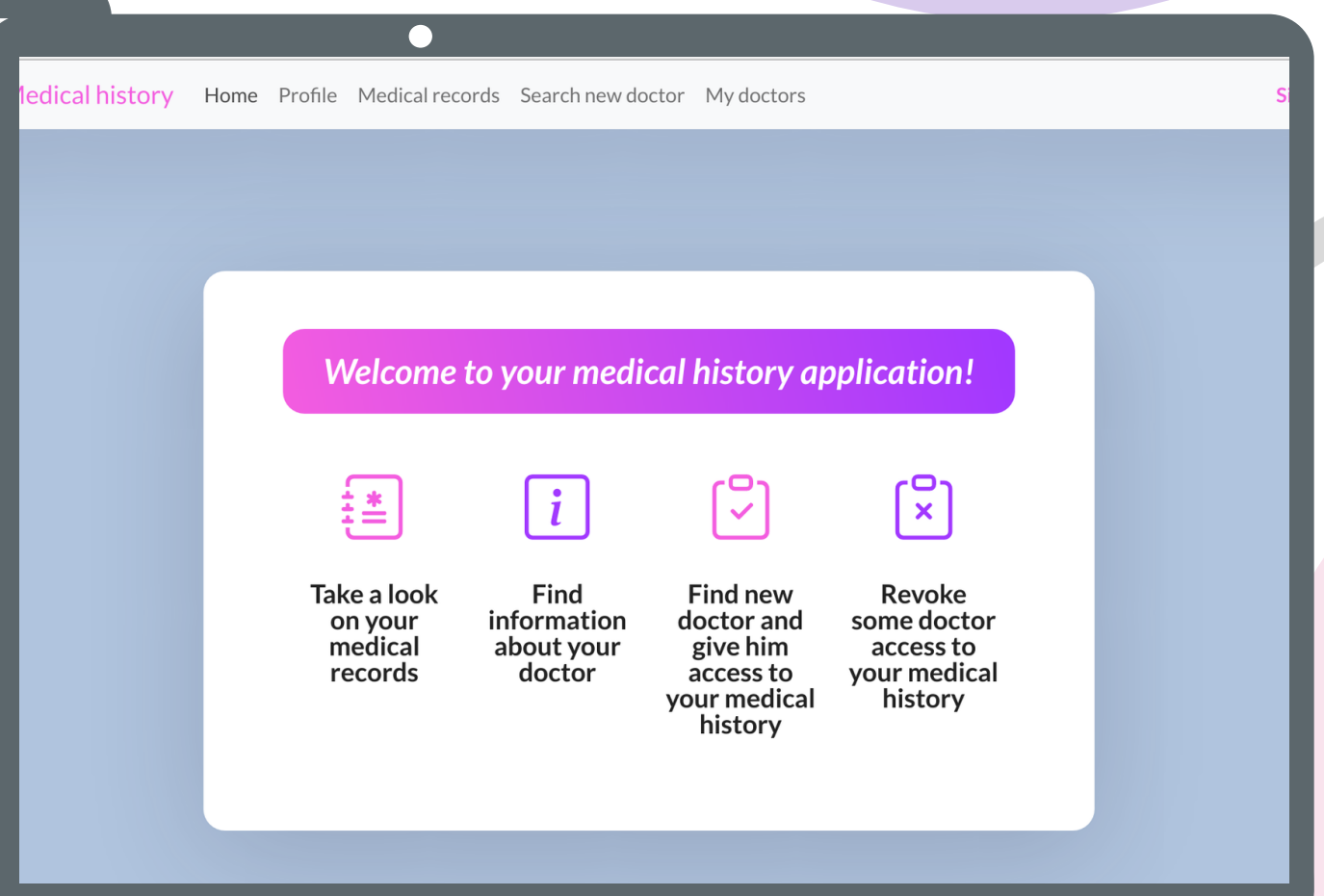
SOLUTION

An application for *securing, storing* and *sharing* medical data, where the patient is the main actor in the control of their data.

All necessary process steps are fully supported by blockchain solution. The whole solution is secure thanks to blockchain and encrypted data.



Date	Diagnosis	Therapy	Doctor
2022-01-12	stomach ache	diet	Mudr. Adam
2022-01-12	flu	rest + vitamins	Mudr. Zlatica
2022-01-12	a cough	taking Calcium + tea with honey	Mudr. Zlatica
2022-01-17	a sore throat	brother menthol lozenges for sore throat, drink hot tea and rest	Mudr. Zlatica



IN THE APPLICATION, THE PATIENT CAN:

- check his medical records
- search for doctor
- give doctor access to his medical records
- revoke him access to his medical records

