Project Design Phase-I

Solution Architecture

Date	29 September 2022
Team ID	NM2023TMID00426
Project Name	Vaccine Tracking Transparent
Maximum Marks	4 Marks

Solution Architecture Diagram:

End User ⇔ Frontend (VS code) ⇔ Metamask ⇔ Solidity code (blockchain code)

SYS-MAN

② approve role

① claim role → register role ← ① claim role

① claim role

VAO   VM   VAD

⑤ transfer vaccine   ⑥ receive vaccine

④ Approve vaccine   ③ manufacture vaccine   move vaccine ownership

⑧ confirm use vaccine

⑦ transfer vaccination right   ⑧ register vaccine passport →   VACCINE PASSPORT

USER

vaccines

Solidity

Smart Contract

Blockchain

Ethereum ↔ Metamask

node JS

www