1. What problem are you trying to solve? (2 marks)

2. How blockchain will be able to solve this problem? (2 marks)

3. Enlist all user stories of your DAPP. (6 marks)

Sample Answer:

DAPP : Marketplace for survey creators

1. I need to conduct a survey to collect information, and I always hit the problem that people would like to get rewarded for the time they spent filling that survey. It would be good if you can compensate them.

2. Blockchain will make sure authenticity of the participants.

3.

3.1 DAPP should allow creator to create the survey

3.2 DAPP should notify the creator when survey is created with contract address

3.3 DAPP should be able to display all the available surveys

3.4 DAPP should allow the participant to start filling the available surveys

3.5 DAPP should ask the participant for the account address at the end of survey

3.6 DAPP should be allow creator of the survey to end.

3.7 DAPP should be able to notify survey creator and participant winner when requested by survey creator.

3.8 DAPP should be able to deposit reward to the winner participant.

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| Selected Answer: | 1.  Medichain is trying to make the healthcare system more efficient, transparent by tracking the patient on the blockchain in each step of the way during his/her journey through the health care system.  2.  By hashing the medical EMR and prescriptions on the blockchain, as well as storing it on the platform, the records can be verified easily every step of the way.  3.  3.1 Medichain should allow the patient to create a wallet.  3.2 Medichain should allow hospitals, doctors, pharmacies, hospital entities to onboard on the network.  3.3  Medichain should be able to display patient all of his/her medical records, prescriptions.  3.4  Medichain should be able to display all the patient's records to his/her assigned doctor.  3.5 Medichain should allow the doctor, hospital authority to push the new medical record to the patient's wallet.  3.6 Medichain should allow the doctor to push the prescription to the patient's wallet.  3.7 Medichain should allow the pharmacist to verify the prescription from the patient wallet.  3.8 Medichain should allow the health insurance company, to give access to patient's wallet with his/her consent. |