**WELLBEE**

**Synopsis**

We are making a Digital product for government where they will save patient’s data and their past medical history on a decentralized system. We will be providing data security and instant transfer of data from one place to another, to save time of patients in critical conditions.

**Existing Technology**

Hospitals and Medical Institution save the data of patient of their previous medical records on the Centralized system. **BurstIQ** is a company based in Denver, Colorado which uses blockchain technology to securely manage a massive amount of patient data.

**Problems with Existing technology**

Following are the problems with the Existing Technology:-

1. Ample amount of time is taken by the hospital to transfer data from one place to another.
2. There is a chance of reports getting damaged or misplaced while they are being transferred from one place to another.
3. In case of medical emergency previous medical history and reports are essential for the doctor and they get transferred to them via hard copy which is a whole big process with lot of time waste.
4. Real time scheduling takes place when the data is centralized due to which considerable time is taken by the server to transfer the report.
5. Due to a static memory allocated to the system only a limited amount of data is stored on the server.
6. In Centralized System if the data within the server is somehow changed it is very hard to detect due to which fake data will be circulated in the whole system and it will be life-threatening situation for a patient.

**Our Solutions…….**

The product Well-bee which we are introducing is based on blockchain technology. Well-bee will help the hospital management to store a massive amount of data on a minimal cost and with high security.

Following are the advantages of Well-bee:-

1. Highly secured and immutable to other than administration.
2. Data can be transferred to other nodes at any instance.
3. Their Wont be any need to take hard-copy of the reports to other hospitals.
4. Dynamic memory will be allocated will help in saving massive amount of data.
5. Transparency is there , no data will get breached.