INTERNITY
'TOGETHER WE CAN'

STARTERNITY
<HACKS/>

RAPHAEL

SMART PATIENT RECORD TRACKING VIA BLOACKCHAIN AND HOSPITAL STAY PREDICTION

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PROBLEM STATEMENT

- The lack of patient medical background history that create problem for MEDICAL INSURANCE COMPANIES / DOCTORS to take actions and provide delay in emergency cases.
- So there is a lack of reliable , fast and secure Patient Information System that keep records of all patient and help in Bed management by providing the correct information
- A serious drawback of Indian Health services is the shortage of Beds due to which hospitals face the problem of crowding , waiting times , lack of resources and cost containment .
- Also to prevent hospitals from charging extra money for staying in hospitals

ENTITIES IMPACTED BY PRODUCT

(WHAT) DOES (WHAT) FOR (WHOM) ?

- Raphael does authentication of Claim , market strategy , profit and monitoring for Insurance companies
- Raphael does smart record keeping for patients

BLOCKCHAIN

- Secure SHA-256
- Distributed
- Reliable
- Immutable

ARTIFICIAL INTELLIGENCE

- IBM Watson data research - 10,000
- RFC and Naive Bayes model
- Genetic Algorithm
- Data Analysis

CURRENT MODEL

WORKING

- BLOCK CREATION - API
- BLOCK MINING - API
- STAY PREDICTION – API
- FLASK SERVER
- BASIC FRONT END
- SHOWS FUNCTIONALITY AND INTEGRATION

PARTIAL CODES

- BED MANGEMENT ANALYSIS
- GENTIC ALGORITHM
- NOTIFICATION SYSTEM

Thank You