EXPLOIT_ME

DECENTRALIZED DISEASE PREDICTION AND HEALTHCARE SYSTEM

HEALTHCARE SECTOR

PROBLEM STATEMENT

Ideally, information provided by a person should be as confidential and void of any sort of external interference. In this digital age, intelligence is one of the most important features of any system. The health care system is affected by the above mentioned issues.

Also, centralization of the health care system has made it as unsecure as possible.

Lack of intelligence in the health sector has also made it very difficult to accurately diagnose and efficiently treat many conditions of patients.

Patients are also unable to have access to their own records across many hospitals in Ghana.

CONCEPT

- Proposed Solution

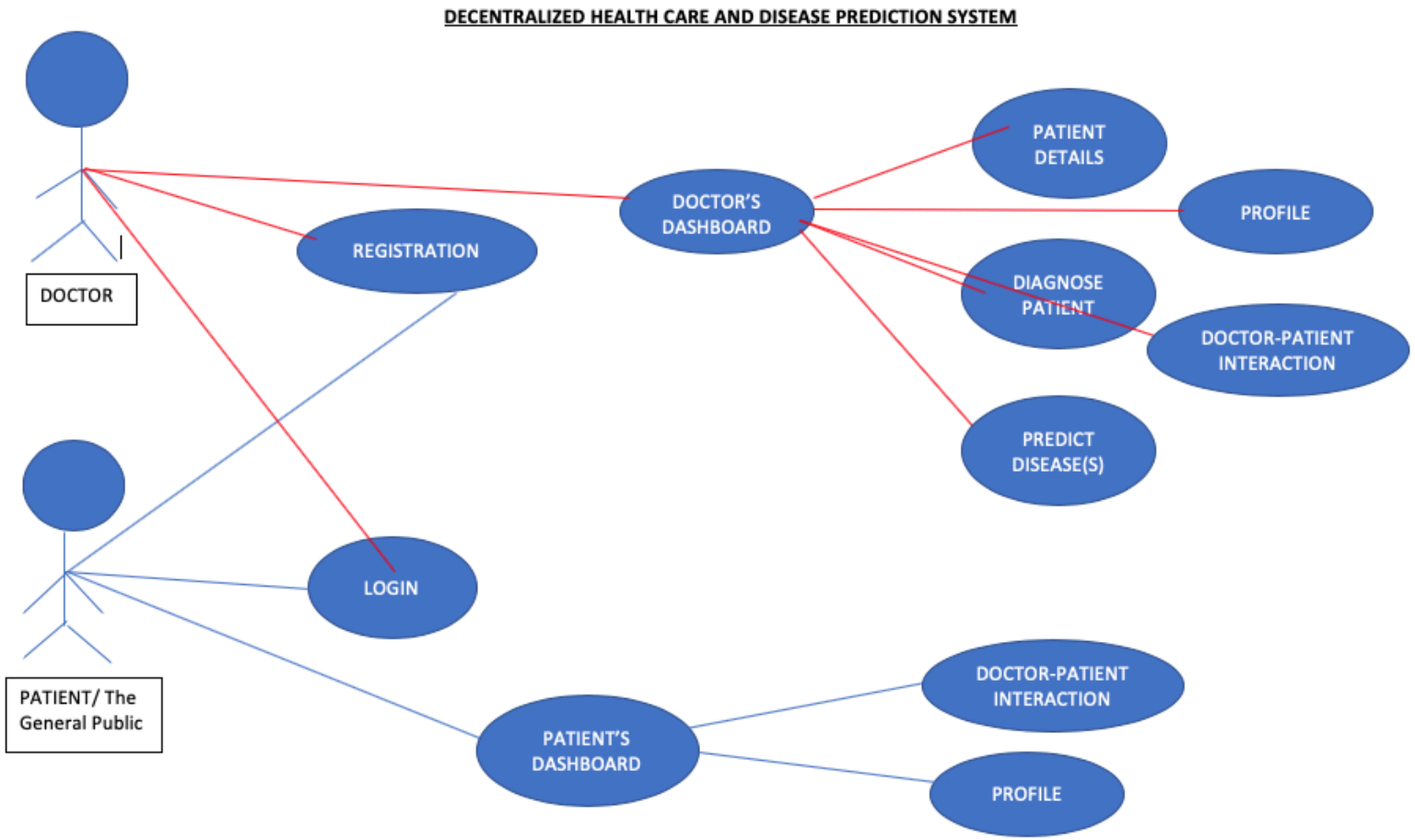
To build a secure patient-centered decentralized system that uses artificial intelligence as its backbone to efficiently and effectively scout, gather, analyze previous data from many known diseases to predict to the highest accuracy whether a patient has or will have a disease in future or not and make patient information readily available to them at any point in time and place.

- Actors/beneficiaries/Users

i. Patients/The general public

ii. Doctors

HOW THE SOLUTION WORKS



TECHNOLOGY APPLIED

- Tools, Frameworks, languages etc.

*UCI Datasets(Heart Disease and Hepatitis)

*Ludwig (Uber Deep Learning Toolbox)

*Pandas, Matplotlib & Numpy

*Blockchain(Ethereum and Solidity)

*Nodejs

*Python

*Javascript

*Html & Css

TEAM MEMBERS

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DEMO

https://gitlab.com/exploit_me