

Group Number:5

Group Name (Fin Youth)

Group Members:

Nouf Almekawed
Zainab Aldagdoug
Sara Zubayen
Khaloud Hurayb
Afnan albaqami
Reem Alrashidy

Project: InsurTech using IoT and Blockchain Technology

What is your project?

Our project is a service provided by an Insurance company using an insurance application. The idea is to send distress signals to the emergency in the event of an accident or fire (a life-saving service).

The client's health data will be entered within the application then, the data will be stored in the Blocks using Blockchain technology. In critical situations, when the sensor discovers anything abnormal, the application sends a signal to the nearest hospital to help the injured by using the IoT.

Goals:

1. **IoT Simulation (6 Hrs):** Main Goal* Afnan ,Reem ,Sara -Using Nod-red,MQTT
2. **Hospital App (5 Hrs):** Main Goal Nouf ,Zainab ,Khaloud -Using VS Code ,Python
3. **Build Blockchain Business Model (+15 Hrs):** Stretch Goal Nouf ,Zainab ,Khaloud -Using Hyperledger Fabric,IBM Blockchain Platform Extension.
4. **Documentation (3 Hrs):** All group members,Describe all of the project objectives.
5. **Presentation:** All group members will presente, Screenshots from Simulation and code build blockchain .Design presentation :Nouf

Presentation Time Estimate:

30 minutes + Q/A