

Group Number:5

Group Name (Fin Youth)

Group Members:

1. Nouf Almekawed
2. Zainab Aldagdoug
3. Sara Zubayen
4. Kaloud Hurayb
5. Afnan albaqami
6. 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-rest,MQTT
2. **Hospital App (6 Hrs):** Main Goal Nouf ,Zainab ,Khaloud -Using Nod-rest,MQTT
3. **Build Blockchain Business Model (+10 Hrs):** Stretch Goal Nouf ,Zainab ,Khaloud -Using Python
4. **Presentation:** All group members presente, screenshots from IPython Notebook code.Design presentation :Nouf

Presentation Time Estimate:

30 minutes + Q/A