

Maxis Graduate Programme- Software Engineer Case Study

Name: Ahmad 'Asim bin Ahmad Izhar

Programme: Digital Development Graduate Programme

Problem Statement



One of Maxis's big retail client would like to invest and innovate their shop by using Internet of Things



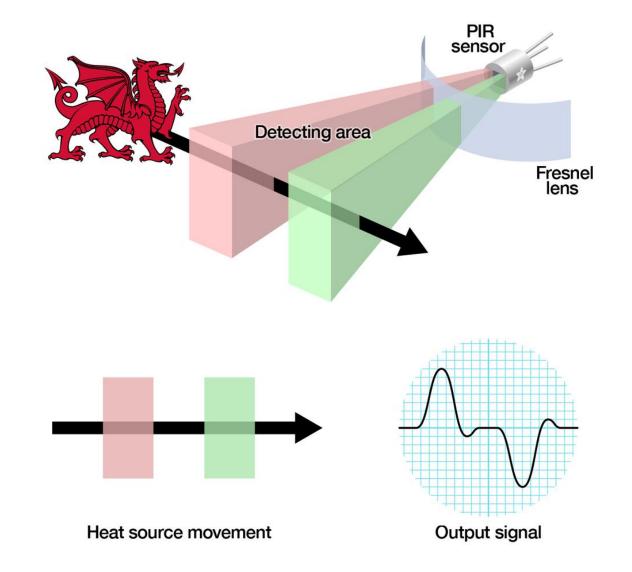
Come out with solution or proposal on how this Internet of Things can be implement to client's shop so they can understand foot traffic of shoppers across the nation.



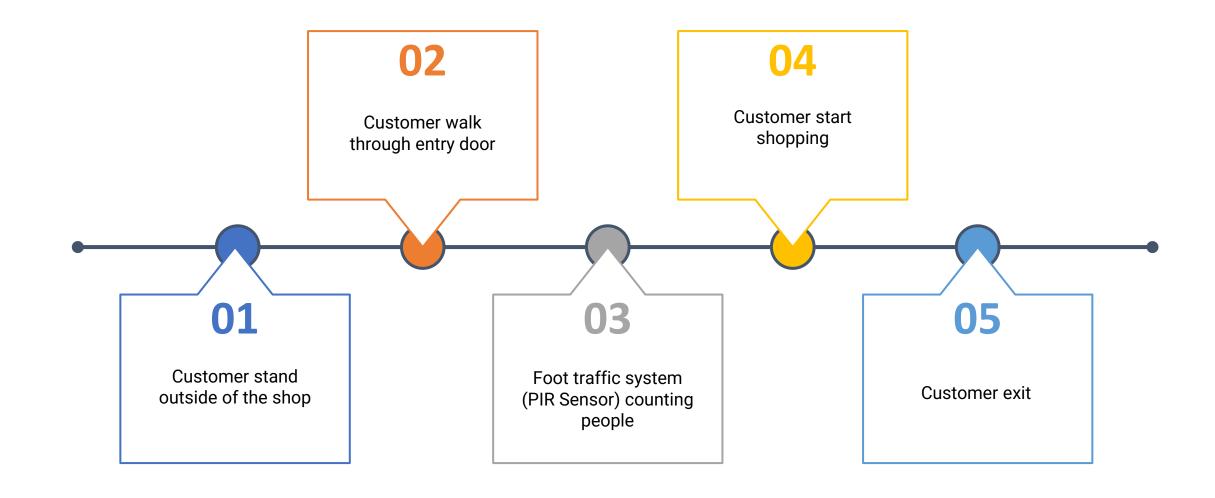
Convince the client that the proposal or solution that have been proposed can be realised.

Proposed Solution

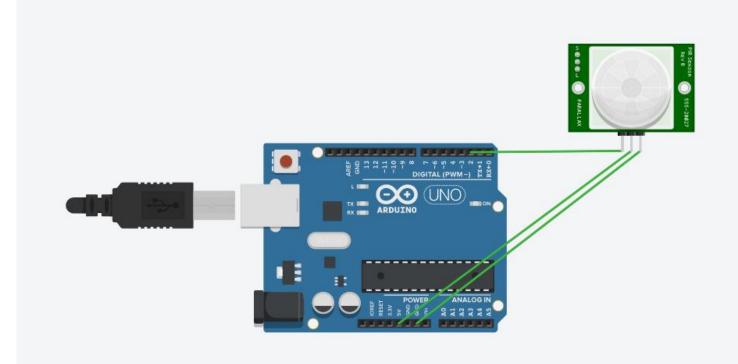
- PIR Sensor can be used as foot traffic system.
- PIR Sensor detect movement from infrared radiation produce by human.



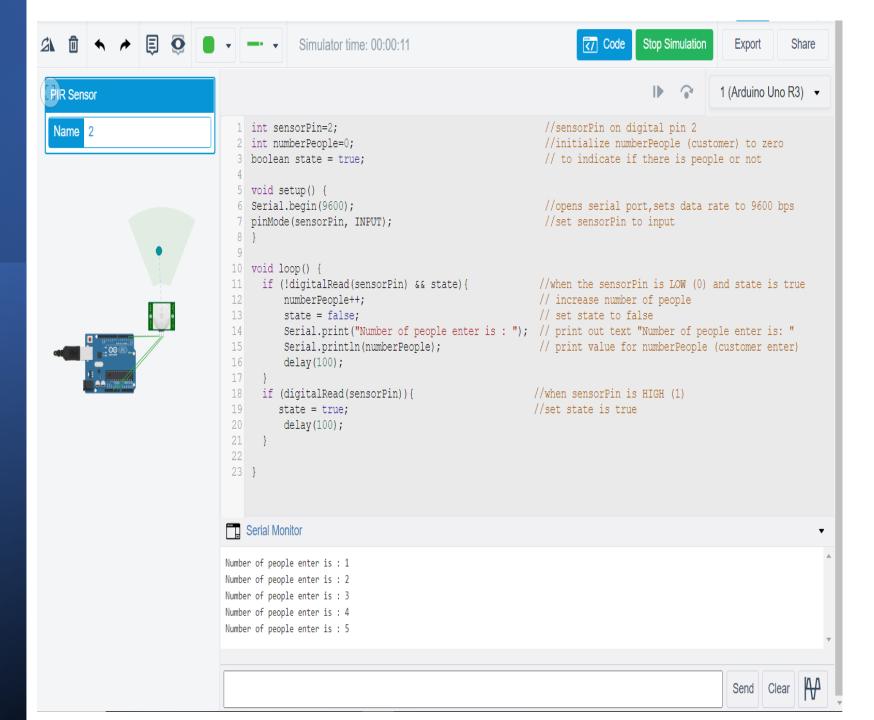
Customer Journey Map



Prototype Design



Prototype Simulation



Conclusion







SUCCESSFULLY PROVIDE A SOLUTION FOR THE CLIENT TO INNOVATE THEIR SHOP USING INTERNET OF THINGS.

THE CLIENT WILL BE ABLE TO IMPLEMENT FOOT TRAFFIC SYSTEM ON THEIR SHOP'S ENTRANCE.

THIS FOOT TRAFFIC SYSTEM CAN BE MONITORED THROUGH COMPUTER OR ACCESS REMOTELY THROUGH THE CLOUD.