

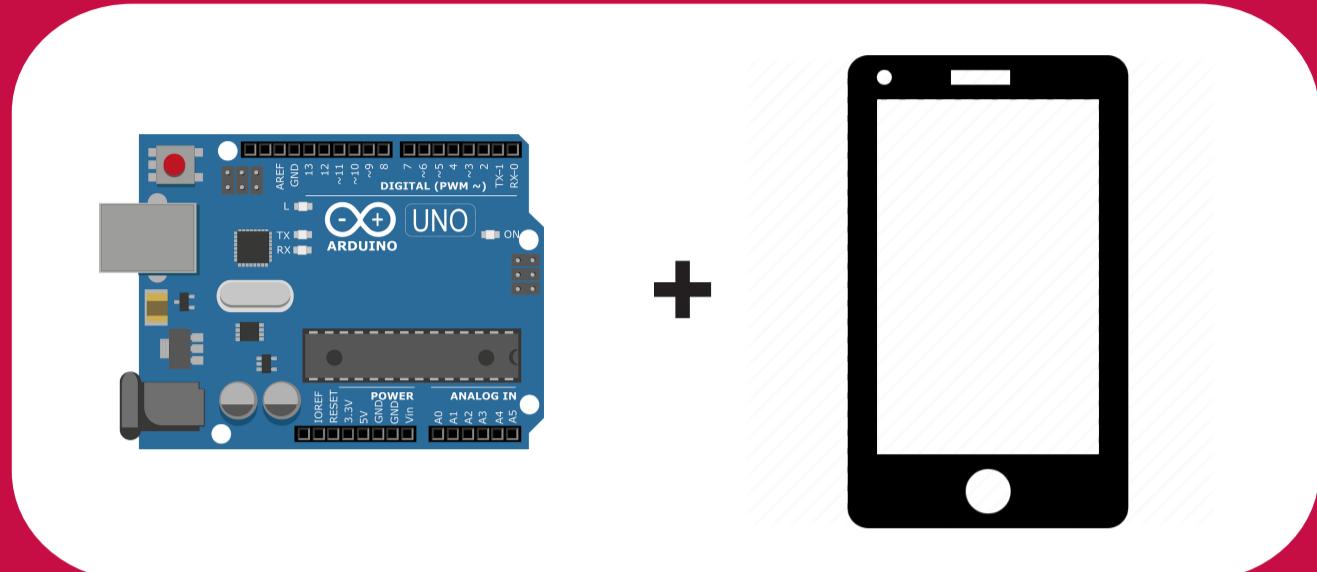
BeeWatch

Bee Hive Intruder Detection System with Internet of Things (IoT)

UNIMY

UNIVERSITY MALAYSIA
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& ENGINEERING

Abstract

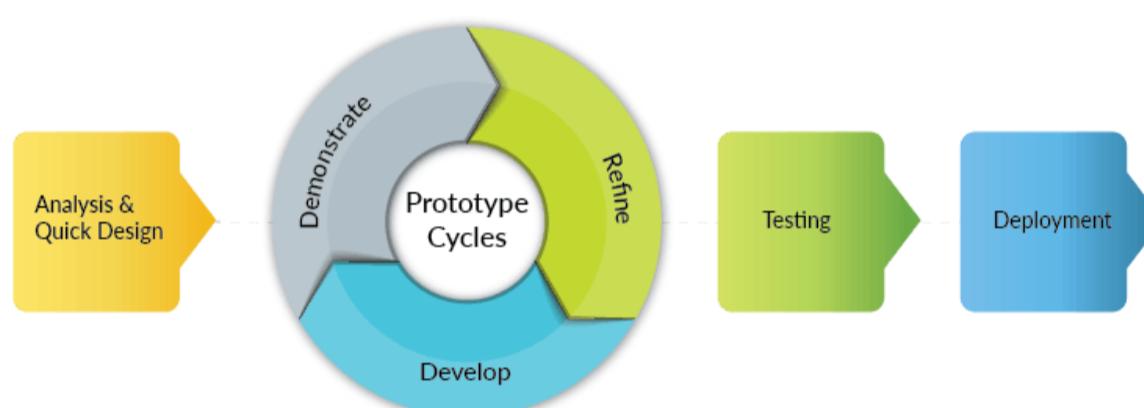


Problem Statement

- Bee hive theft is growing in numbers
- Require too much manpower to manually monitor for potential theft
- Stingless bee unable to protect themselves in their own environment

Methodology

Software

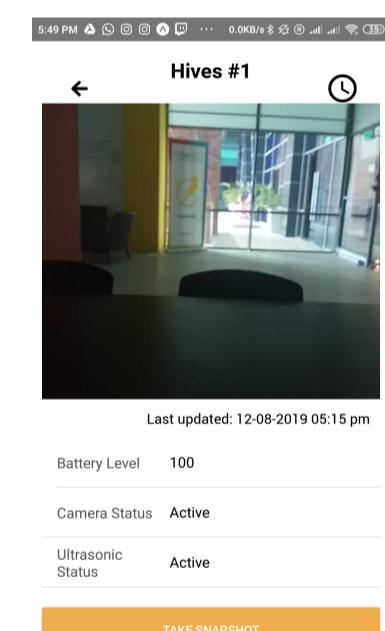
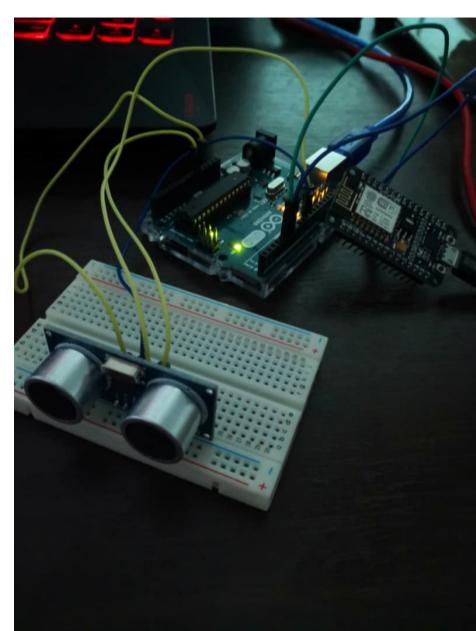


Hardware

Objectives

- To study the existing product of intruder detection system in the agriculture industry
- Demonstrate a self served intruder detection system
- Develop an intruder detection system together with mobile application
- Test the product in real environment

Result



The images of all the potential intruders will be captured and saved to database

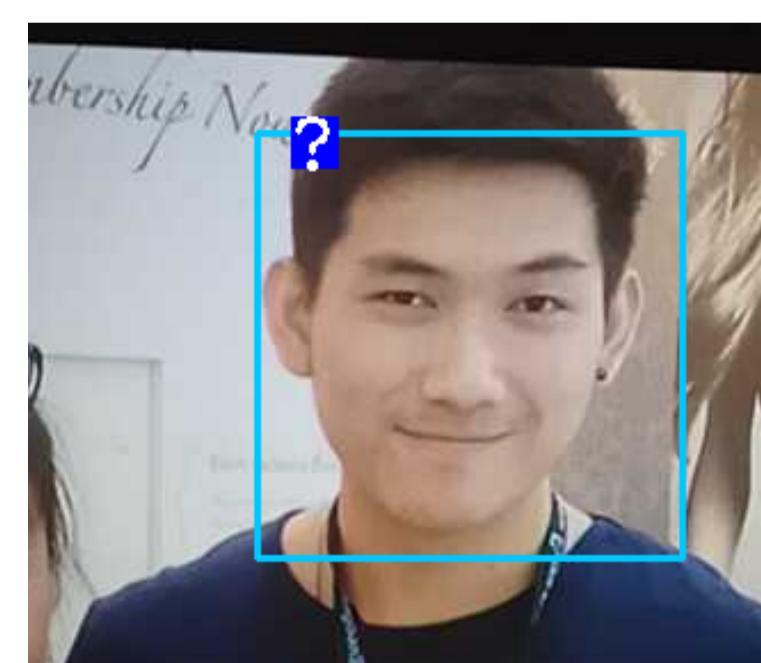
Future Implementation



iOS version of mobile application



Higher compute power



Potential Intruder