

Wearable Wristband for Monitoring the Pilgrims

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INTRODUCTION

- The hajj is considered the world's largest human gathering with over millions of pilgrims every year, thus Saudi Arabia, being the host of this sacred Islamic ritual is trying hard to provide material and human efforts by appointing the best experts and specialists and the latest technology from around the world to create the best image and experience for the pilgrims

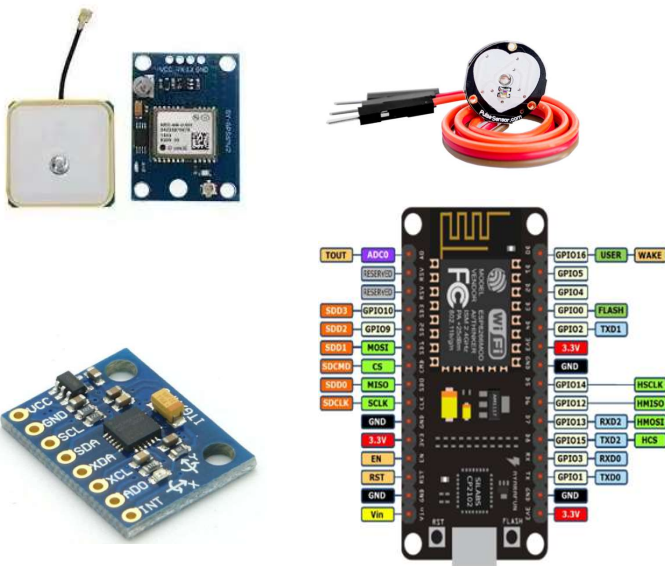
THE PROBLEM

- Every year, the Kingdom of Saudi Arabia hosts the hajj, and the number of pilgrims who receive health care yearly is over 200,000, over 700 pilgrims dies yearly as well

THE SOLUTION FUNCTIONALITY

- GPS
- HR Detector
- Notification
- Data Center
- Centralization

HARDWARE



OUR SOLUTION

- A wearable health detector
 - Helps ensure the pilgrim safety
 - Helps involve the right stakeholders of the pilgrim health mater
 - Helps collect the data for future learning
 - Dose nor require taping or specific usage by the pilgrim
 - Reliable and cheap

CHALLENGES

- Learn how to program on C
- Read many sensor data all the time
- Learn how to use dashboard and program it on the part

FUTURE PLAN

- LoRa Technology
- Data Base
- Add more sensor
- Make it available for everyone to purchase

