WASP
Wireless Arduino Sensor Protocol

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Title:
WASP - Wireless Arduino Sensor Protocol

Theme:
Embedded Systems

Project period:
02/08/2015
21/12/2015

Project group:
SW513E15

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No. printed Copies: ?
No. of Pages: ?
No. of Appendix Pages: ?
Total no. of pages: ?
Completed: 21/12/2015

Synopsis:

Synopsis her!

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Contents

1 Project introduction **5**
1.1 Initializing problem statement 5

I Analysis **6**

2 Context **8**

3 Use case **9**

4 Technologies **10**
4.1 Mesh networks 10
4.2 Wireless communication 10
4.3 Communication protocols 10

5 Problem Statement **11**

II Implementation **12**

6 Theory **13**

7 Design **14**

8 Implementation **15**

9 Test **16**

III Conclusion **17**

10 Reflection **18**
10.1 What have we done!? 18

11 Summary **19**
11.1 It ended like this 19

12 Future Work **20**
12.1 To be done 20

IV Appendix **21**

1. Project introduction

This is an introduction.

Here is the initializing problem statement:

1.1 Initializing problem statement

How can a sensor network and a protocol be designed, so that data can be relayed throughout the network, enabling an endpoint device to receive the information without being within range of all sensors in the network?

It is a good question and we will analyze it.

Part I

Analysis

The analysis will discuss and look into the different aspects of the initializing problem formulation and the topics therein. The sections in this chapter blah-blablah..

2. Context

3. Use case

The purpose of this project is to create a protocol that allows multiple Arduinos to share data to a single endpoint, but a use case is needed to test the protocol.

The chosen use case for this report is soil moisture sensors for use on golf courses. A golf course is usually very large, and covering an entire golf course with cords would be a big task. Furthermore this would make the system hard to extend and almost impossible to make hot pluggable.

This makes this project a good use case for golf courses, as soil moisture is important in determining where it is necessary to water the course.

4. Technologies

We shall look at some existing technologies now.

4.1 Mesh networks

4.2 Wireless communication

4.3 Communication protocols

5. Problem Statement

Very good problem statement for you, my friend. Special prize.

Make a good sending data network for arduino.

Part II

Implementation

6. Theory

7. Design

8. Implementation

9. Test

Part III

Conclusion

10. Reflection

oh..

10.1 What have we done!?

11. Summary

ok..

11.1 It ended like this

12. Future Work

Here's what's missing..

12.1 To be done

Part IV

Appendix