



HASAN KALYONCU UNIVERSITY
Electrical and Electronics Engineering Department
EEE 499 Project Proposal Form

Part I. Project Proposer

Name Lastname		E-mail	
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Part II. Project Information

Starting Term	2 0 2 3 / 2 0 2 4
Title of the Project	Development of the mobile data logger that can measure temperature, humidity and global position.

Project Description

The aim of project is measure temperature, humidity and global position of sensor and save that measured data to SD card at periodically. Device power supply and charge unit should be included in device.

1. Design electronic hardware according to schema that shown figure 1.
2. develop a code to read sensor data and write sensor data to SD card.
3. The text format that created in SD card should be a format that shown format1.

Format1: <Data_no><Time><Temperature>< humidity><GPS data>

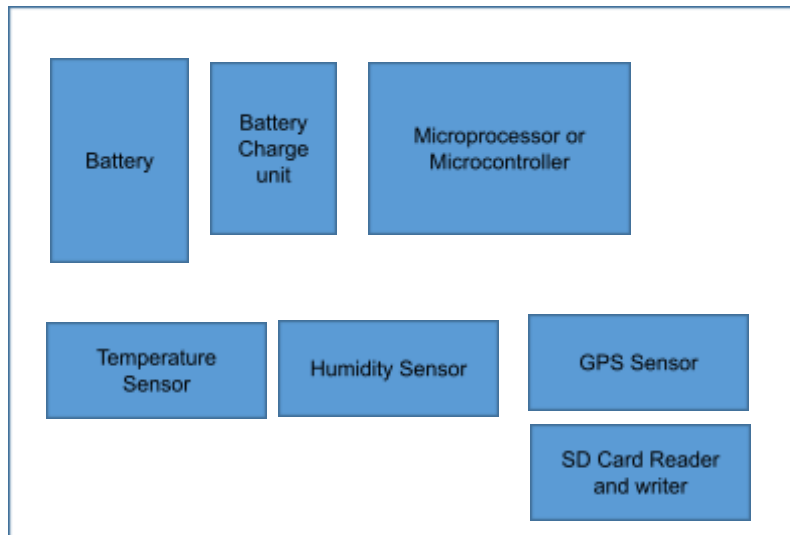


Figure 1

Project Justification

Novelty

New aspects	
Complexity	
Challenging problem and issues	
Related science fields and subfields	Communication Techniques, Sensors
Tools	ATMEL or PIC or ARM or any microcontroller, microprocessor, AVR C or any Embedded programming Editor. Proteus ARES, Eagle, Temperature sensor GPS sensor
Risk involved	
Potential problems and alternative solutions	
Minimum work required	3 MONTHS WITH 2 DEVELOPERS