Welcome To...

Travel Buddy

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Anyone on two wheels...

Problem

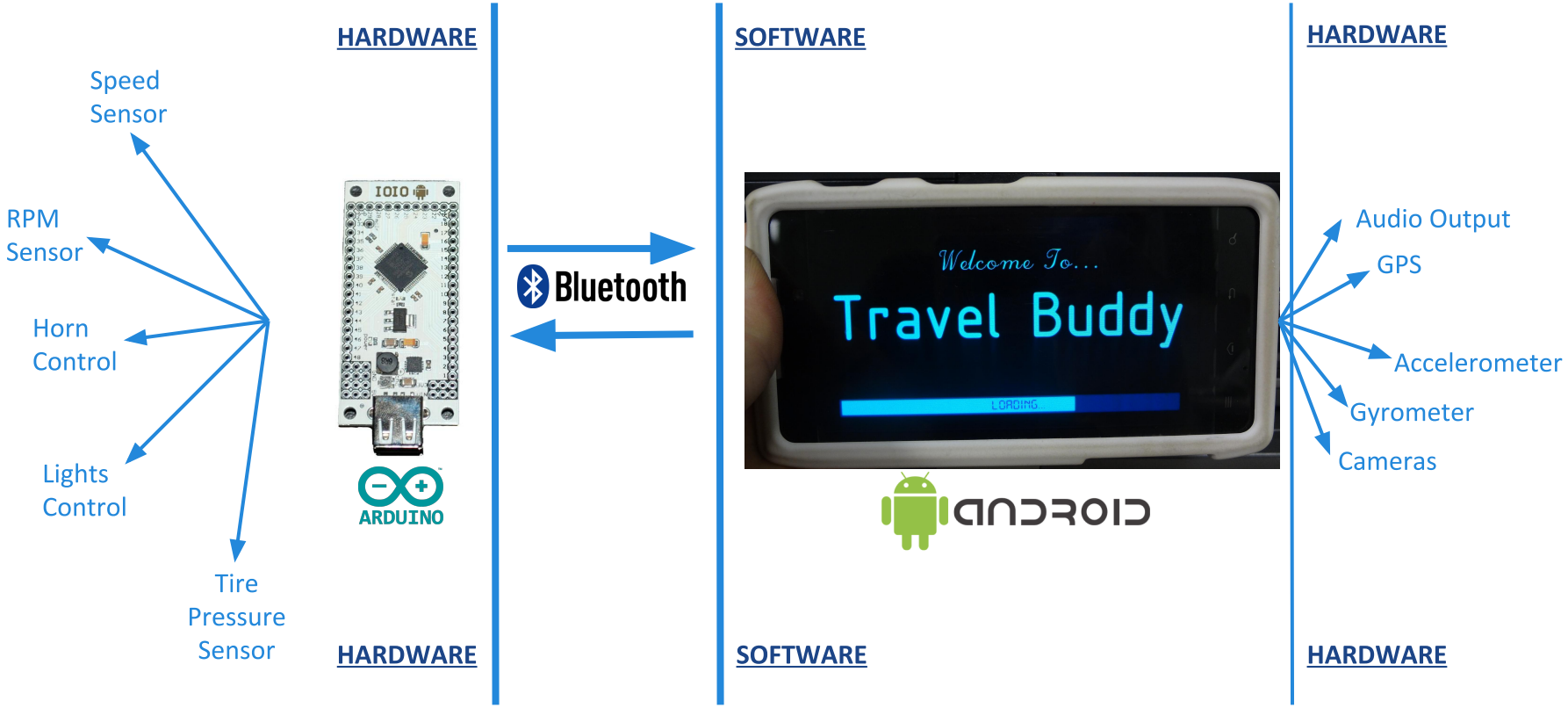
- Gauges often broken / inaccurate
  - Low-quality from the factory
  - Expensive / difficult to replace
- No travel information
  - Weather
  - Traffic
- Little vehicle info available
  - Precise data tracking
  - Vehicle status

Objective

- Fill the opportunity space...
  - Provide an affordable, reliable, user-friendly software / hardware platform to track and relay data associated with the trip and vehicle.

- This means…
  - **CHEAP**
  - **IT JUST WORKS**
  - **EASY TO USE**

Software & Hardware: Overview



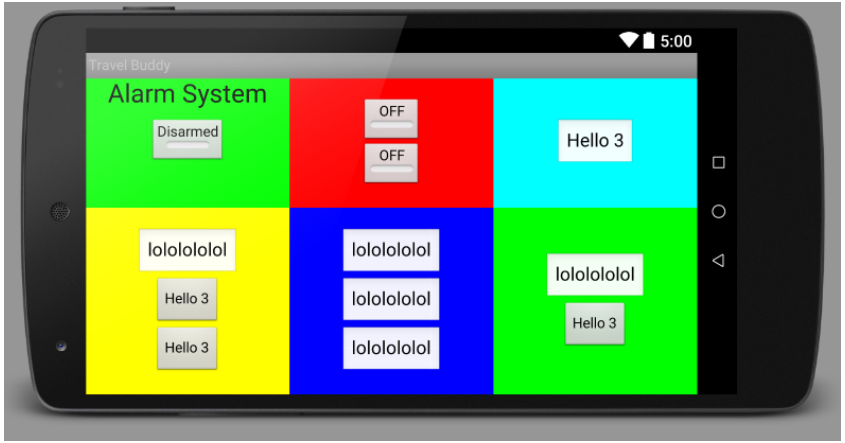
Project Overview

Travel Buddy

Software

Concept

Prototype



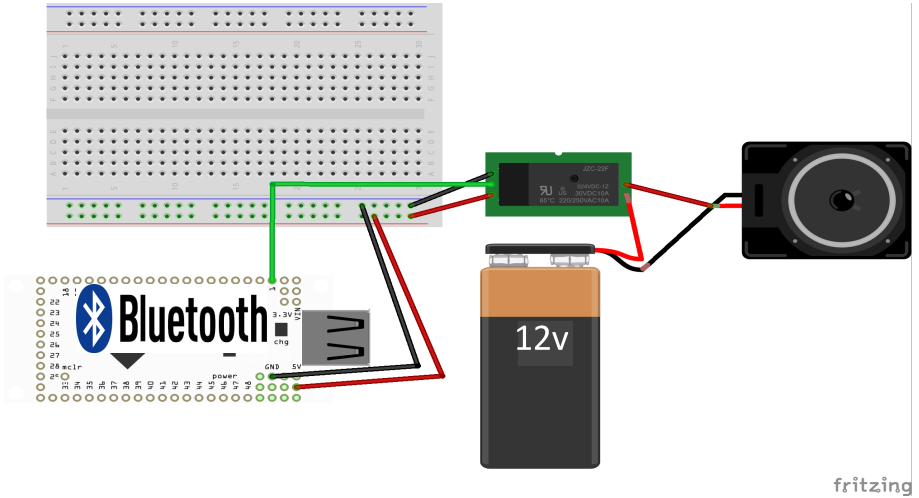
Motorbike

Bicycle

Phone Usage & Mounting

Hardware

Motorcycle Alarm Circuit (example)

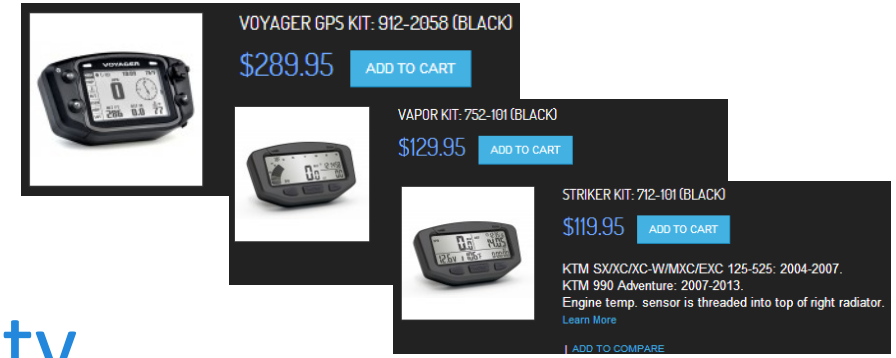


Bicycles

- Arduino / sensors' power source?
  - Solar panel(s)
  - On-board Arduino LIPO battery (rechargeable)
- Sensors?
  - Water level
  - Speed
  - Headwind
  - Sunlight
  - Humidity

The Competition

- High prices
- Sparse functionality
- Poor support
- Low quality



Bikers Choice Mini Speedo With LED Indicator Light - 2:1 Drive Ratio 76067

$59.82

Live Demo