Bicycle Blackbox

1. Who is it for?
   1. 15-60 years old, In an urban area
   2. 15-60 years old, In rural areas
   3. 15-60 years old, In bicycle related occupation
2. What is it for?
   1. Safety for all bike riders, to be able to capture a moment of impact or injury.
3. When will it be used?
   1. Time- During working hours/Casual bicycle rides during heavy traffic
   2. Place- Major highways and streets/ urban traffic settings
   3. Location- Anywhere a bicycle can ride
4. Affect of time, place, and setting?
   1. LED- used during night settings to be able to check if blackbox is on.
   2. Waterproof for rainy conditions
5. Why does this need to exist?
   1. Gives a rider the ability to record a moment of impact in situations where they might not be able to recall the occurrence or accident. Saves data to a memory card within the device to allow playback at a later time.
6. How does it work?
   1. Using a hall/effect monitor, the bicycle blackbox would record when wheels are in motion or not in motion. Knowing when the wheels stops will send a record of the data of impact to the memory card to give a report to whoever views the occurrence afterwards.
   2. The blackbox will clarify any Date, Time, or Location discrepancies that may be useful in a police report or accident information.

