Velomobile Control & Telemetry System

Use Case Specification

Display Data

Version 1.0

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Ver.** | **Description** | **Author** |
| March 13, 2010 | 1.0 | Initial Composition | John Schmidt |

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# Display Velocity

## Brief Description

This system will display standard vehicle information to the rider.

## Requirements Trace

1.4.2

## Involved Actors

ECU – The ECU will send values to the display to be viewed by the rider.

# Flow of Events

## Basic Flow

The standard display will involve values from the ECU.

1. The ECU displays the standard set of navigation values.
   1. Speed
   2. Battery levels
   3. Power assist level
   4. Battery life
2. The ECU receives a new clock signal.
3. The ECU updates the display with all new values.

# Preconditions

ECU must be turned on and calibrated.

# Post Conditions

Display shows values relevant to the current conditions.