Use Case Name – Individual Competitor Start Event

Participating Actors – Event Sensor

Flow of Events -

1. The sensor is triggered, either manually or automatically, and the start time is recorded in the ChronoTimer.

Entry Condition –

* The ChronoTimer is turned on.
* The individual competitor is loaded into the system.
* The individual competitor is assigned a channel to record the start time.

Exit Condition –

* The sensor has triggered and the individual competitor’s start time is recorded in the ChronoTimer system.

Quality Requirements –

* The start time is recorded to an accuracy of hundredth’s of a second ranging between 0.00 – 9999.99.

Use Case Name – Individual Competitor End Event

Participating Actors – Event Sensor

Flow of Events –

1. The sensor at the event finish is triggered, either manually or automatically, and the end time is recorded in the ChronoTimer.

Entry Condition –

* The ChronoTimer is turned on.
* The individual competitor is loaded into the system.
* The individual competitor is assigned a channel and has already had a start time recorded in the ChronoTimer.
* The individual competitor has not canceled or DNF the event.

Exit Condition –

* The sensor has triggered and the individual competitor’s end time is recorded in the ChronoTimer system.
* The individual competitor has a total time computed for the event recorded using their start and end times.

Quality Requirements –

The end time is recorded to an accuracy of hundredth’s of a second ranging between 0.00 – 9999.99.