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| **NewRace Use Case** | |
| **Actors** | Operator |
| **Preconditions** | Machine is on and current time is set.  Sensors are placed at their destinations and operator has ordered list of racers. |
| **Normal Course** | 1. Operator sets the event type. 2. Operator creates a new run. 3. Operator enters the ordered racer list into the system one by one. 4. Operator connects the sensors to appropriate channels. 5. Operator toggles appropriate channels for Race type to ON.    1. ChronoTimer prints channel numbers and their new state to acknowledge the toggle. |
| **Alternate Courses** | * If the operator changes the event type after beginning, the operator must redo all subsequent steps. * If the operator creates a new run without specifying an event type, the event type will default to IND. * At any time the operator may remove a specified racer from the run by invoking the CANCEL use case. |
| **Exception Courses** | * If the operator fails to create a new run before entering racers, an error will be printed and the racer will not be added. * If the operator toggles a channel to which there is no sensor connected, an error will be printed and the channel will not be toggled. |
| **Post-conditions** | ChronoTimer is ready to accept events from sensors and apply them to the state of its current run. |
| **Frequency of Use** | Very often. |
| **Assumptions** |  |