# Check if System Ball Tracking Can Work Continuously

# Summary

## **Location & Date**

TBD

## **Description & Aim**

We have designed our system to be simple and user-friendly. So, we expect the system to be up and running at the moment it is powered. Camera will continuously monitor the table as the practices goes on. We need to see if the image processing module of our product works for long periods of time without any overheating or program crashing.

## **Participants**

TBD

# Preconditions & Environment Requirements

* RasberryPi
* An image sensor (a webcam, piCamera etc.)
* A table tennis set-up

# Scenario

|  |  |  |  |
| --- | --- | --- | --- |
| **Step** | **Data** | **Expected Result** | **Actual Result** |
| Connect image sensor to the RasberryPi | - | - | - |
| Connect power supply to RasberryPi | - | Image processing program starts running automatically | - |
| Let the system run for a while | 2 hours(runtime) | -40°<Tmeasured °<85° | TBD |
| Let the system run for a while | 2 hours(runtime) | No crashing | TBD |