1. Product/Service Description
2. ***Product Context***

This product is the second of the 3-part Robotics Triathlon. This product is self-contained and independent of the other parts of the Triathlon. All that is needed is the Sphero Edu application as well as the Sphero robot.

1. ***User Characteristics***

* *Team members- Students, two years of coding experience, beginner knowledge of Sphero programming*

1. ***Assumptions***

* *The classroom (HH-208) is available for students when necessary for testing purposes*
* *Team members have non-conflicting schedules and can meet up before the deadline*
* *The Sphero robot is provided by Professor Eckert*
* *Sphero robot is functional as well as the application used for programming*
* *Laptops and phones used for programming are available*

1. ***Constraints***

* *Team members are only able to meet up at specific times*
* *Parts of the tape course are missing*
* *Tiles on the ground of the classroom are uneven*
* *HH-208 is not always available/shared with other groups*
* *Quick deadlines*

1. ***Dependencies***

* *Testing must occur in HH-208*
* *Requirements table and algorithm must be completed before coding can begin*
* *Sphero robot must be placed on blue-tape figure 8 track and must complete the course 5 times*
* *Sphero Edu application must be used to program robot*