Short Distance Sensor

Object Diagram

*A Short Distance Sensor allows an Alien to determine if they are a long distance (<25% of overall distance) from the goal area.*

Macintosh:Users:Snake:Documents:NPS Space Certificate:SE4900 Biologically Inspired Design:Project:Space Shooter Mod:assets:png:Alien.png

* **Mass**: number used to calculate the overall mass of the Alien. Used when calculating speed of Alien.
* **Energy Cost**: number that indicates how much of the battery this uses each time the Alien moves.
* **$ Cost**: positive integer used to calculate the overall cost of the Alien.
* **Accuracy**: A number that helps determine how close to detected Sensor value will be to the actual value.
* **Precision**: A number that helps determine the range of values returned by the Sensor (precision) for a given value.