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| FUNCTIONS | MEAN 1 | MEAN 2 | MEAN 3 |  |
| Alert if overloaded | SEN016 | HX711 |  |  |
| Should detect obstacles in its path | IR sensors | Proximity sensors | Ultrasonic sensors |  |
| Alert when reaches end point | LED Sensors | IR sensors |  |  |
| Move on rope | Arms | Wheels |  |  |
| Move with proper stability | Wheels | Wheels with speed sensors |  |  |
| Carrying the load | Load box | Hook to hang |  |  |