## Risk Analysis

### Mechanical Risks

* The chassis of the robot is wooden. Wooden materials may lose their stiffness as time passes. Thus, it can be fragile over time.
* If robot is treated harshly, the camera holder and plank holder may be broken from the chassis.

### Safety Risks

* Li-Po Batteries in the robot may explode or start a fire or release poisonous gases during usage of the robot.
* Li-Po batteries may explode or start a fire or release poisonous gases during charging them.
* Overheating of microcontrollers may cause burns on the skin.

### Customer Risks

* Two more companies are preparing to enter this business with the same aspects and goals. This may cause decrease in the customer or failure in the sales target.