Risk Management

Risk Identification

1. Poor signaling in Wi-Fi systems may hinder the messages to be reached to recycling stations.
2. A person might drop his/her phone near the dustbin, which directly goes inside the bin.
3. Worker may be absent at time of the bin is completely filled.
4. There may be some malfunctioning in the parts of the system.
5. The software and hardware platforms we are using may become outdated in aftermath.
6. There can be delays during implementation of a particular step in the Work Breakdown Structure.

Risk Quantification - Probability

Risk Response

1. Building recycling centers around some number of bins which further transfer the wastes to the stations.
2. Advanced image analysis systems will be introduced to work along with the detection systems; to detect the nearby object as a garbage.
3. Initial messages will be sent to the centers when 95% of the bin is filled.
4. Checking the equipment carefully before buying so that aftermath is as wished.
5. Keeping a basic model of the entire project which can be applied to updated versions.
6. The completion date has been set up 2 weeks before the deadline.