Artificial Intelligence based cost-effective sorting of waste streams for re-usable products

Project Goal: Develop a versatile technology capable of sorting through diverse streams of used items (utensils, toys, electronics, textile, etc.) and increase the number of Re-X products

Impact and Community Benefits:

1. Decreased waste ending up in landfills
2. Increased cost savings
3. Reusable Products
4. Contributes to climate and clean energy

Team: Team UHV

Proposed Solution:

1. Automated sorting of Re-X products such as bowls, cups, glasses, and boxes used in food services by utilizing artificial intelligence (A.I.) technology
2. Advanced sensors and high-speed actuators
3. Low-cost and Efficient Sorting
4. Will help transition to reusable products.
5. Reduces billions of tons of waste coming from food services
6. Develop plans for a full industrial facility

More Info: Public Video

Project Team Members

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