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INTRO/PROBLEM STATEMENT

- Incorrect sorting of wastes increases the hazards and time wasted during the process of recycling, which can be attributed to the unawareness of the general public.

METHODS

1. Virtual Reality (VR) provides an immersive experience, which ensures a high engagement and retention rate for education.
2. Oculus Quest provides gesture control, 360° tracking and wireless connection, which meets the needs.
3. Ran the program in Oculus Quest as a group for multiple times and monitored via Android Studio.

ANALYSIS/RESULTS

- Program now has 4 interactive scenes.
- 30 objects to sort for practicing sorting skills.
- A hands-on tutorial scene for helping users with no VR experience get started.

A fantastic, immersive educational experience that you have never imagined.



EXTRAS

- Holds quizzes in an XML file
 - 50 objects to sort
 - A step-by-step tutorial for first-time VR players
 - Extra nuance that you're worried about leaving out
 - REMEMBER headings, labels, and units
- Business Case
 - Net Present Value = \$22,725
 - Payback periods = 1.43 years
 - IRR = 48%