



An Innovative Approach For Object Finding and Grasping For Visually Impaired Individuals

Add **Color** to your vision



PROBLEM

Visually impaired individuals face various challenges in their day-to-day life, including Object grasping. Without getting real-time feedbacks they face many difficulties. There is a need of an affordable approach for them to make their lives easier.

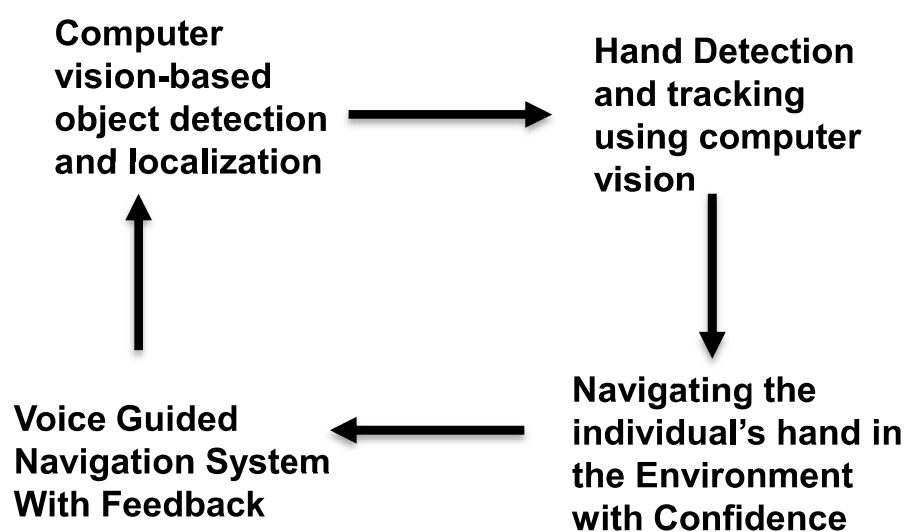


SOLUTION

A wearable device equipped with advanced sensors and artificial intelligence. This device scans the surroundings in real-time, identifying objects, obstacles, and navigate the user's hand to grasp the object while giving the real-time feedback to the user.



SOLUTION STRUCTURE



IMPORTANT COMMANDS

- Listening for command
- What is in front of me
- Scanning the environment
- Here are the detected objects
- Get "Bottle"
- Move your head to the left
- Object is in front of you
- Scanning the environment
- Move your hand to the right
- Obstacle detected
- Take object



SMART EYE



TEAM SMART EYE

