“Change Tracker”

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PERCEPT is an app for android phones designed to help visually impaired people navigate unfamiliar indoor environments. It gives the user step-by-step, text-to-speech instructions guiding them from where they are to where they want to go.

My assignment is to create a program to facilitate debugging of PERCEPT. My program, Change Tracker, compares two sets of instructions and highlights the differences between them, making it easy to see the resulting changes in instructions caused by changing the instruction-generating algorithm.