Features:

The proposed system is about a smart waste management system. The system will detect the level of trash inside a GUI. It will provide real-time data visuals, enhance security measures, and trigger alerts when necessary. The system will utilize ultrasonic sensors, LEDs, buttons, and a graphical user interface (GUI) to achieve its objectives.

Components:

Blue Button

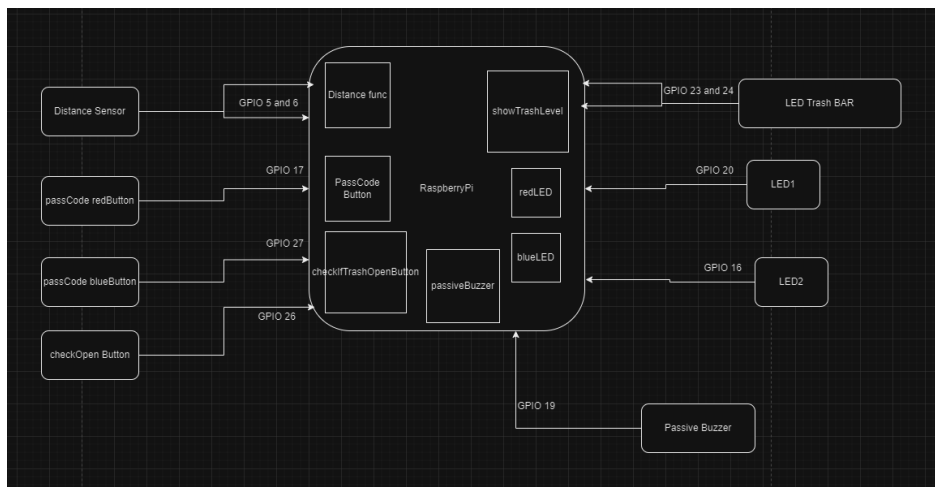Red Button

Button

Distance Sensor

LED Bar

Red LED

Green LED

Passive Buzzer

Diagram:

GUI MOCK-UP: