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<u>Requirements Document</u>

This project will renovate the IEEE soda vending machine, to make it more reliable and trustworthy. In order to achieve these goals, the following requirements have been determined:

1. The vending machine shall be able to refrigerate its interior properly.

2. The vending machine shall use a single touchscreen interface that will allow the user to both make his desired selection, and modify the presented options.

3. The touchscreen shall display the interior temperature.

4. The touchscreen shall display the correct quantities for each selection.

5. The system shall notify IEEE when the quantity is below a determined threshold.