

A full-body photograph of the rapper Sir Mix-A-Lot performing on stage. He is wearing a dark brown leather jacket over a black t-shirt, a black fedora, and a gold chain with a large pendant. He has a goatee and is looking upwards with his eyes closed. His right arm is raised, holding a bottle of 1755 brandy. His left arm is also raised, holding a silver cocktail shaker and making a peace sign. The background is dark with some stage equipment visible. The text "Sir Mix-A-Lot" is overlaid in the center in a white, sans-serif font.

Sir Mix-A-Lot

What is it?

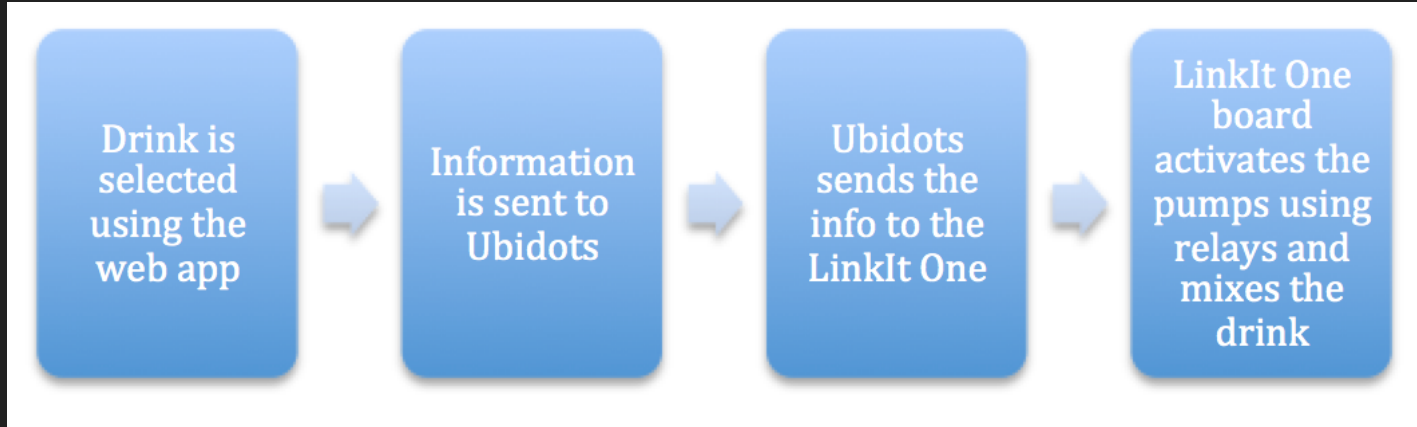
- Smart Bartender
 - Controlled by phone application
 - Mixes drinks to the customer's preferences

Business Aspect

- Sir Mix-A-Lot makes ordering drinks faster and easier
- Bars will purchase multiple units
 - Hardware at a low price
 - Software and transaction fees bring in the money

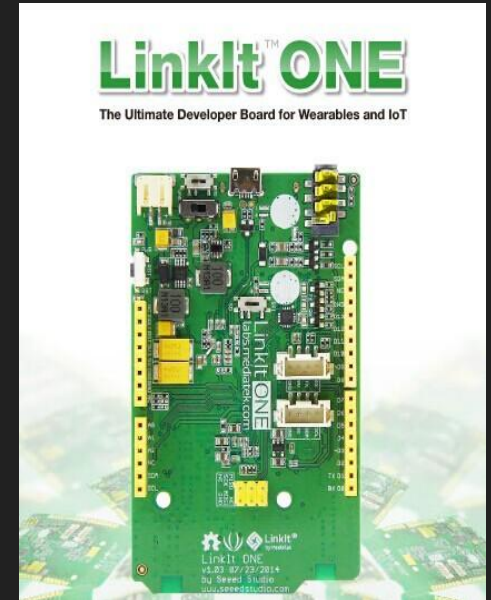
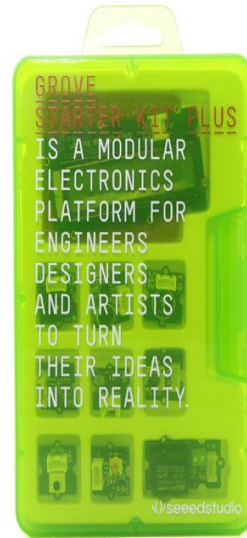


How It Works



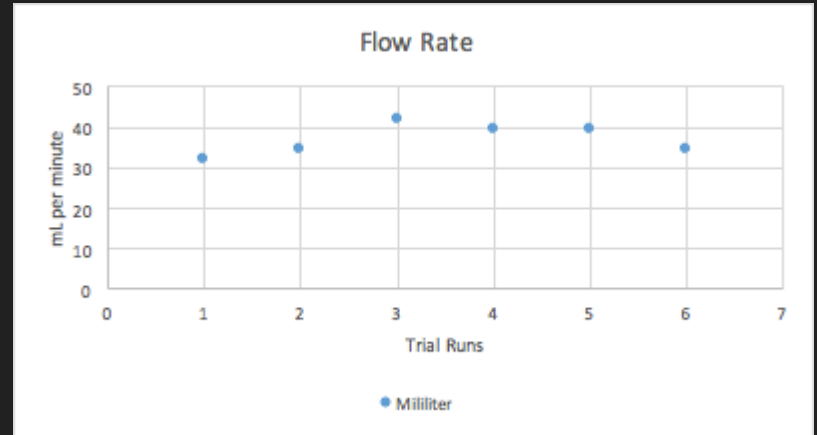
Equipment Used

- Pumps



Precision Measurements

- 37 mL per minute Flow Rate
 - 5mL margin
- Largely dependent on pump used in system



Other Applications

Janitorial Cleaning Mixtures



HealthCare



General Science



Team Members

- Trey Morris
- Ayotunde Odejayi
- Jonathan Branscomb
- Elise Blackmon
- Alleé Clark
- Tyler Rice
- Ma'at Ankobia