Little Ram Pantries

Fighting food insecurity with newspaper boxes

Multi-24-620

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Of **nearly 30,000** students at VCU, **35% go hungry** every day.

VCU is not an outlier

Little Ram Pantries have been proven to help

Project has expanded from 5 pantries to 14

Over 7,000 interactions last year.

Challenge

How might we streamline the process of food?

No dedicated website, students are unaware of most pantries

Must be physically present to see what's inside, inconvenient for a busy student

Limited research analytics, restricted to only the interaction times

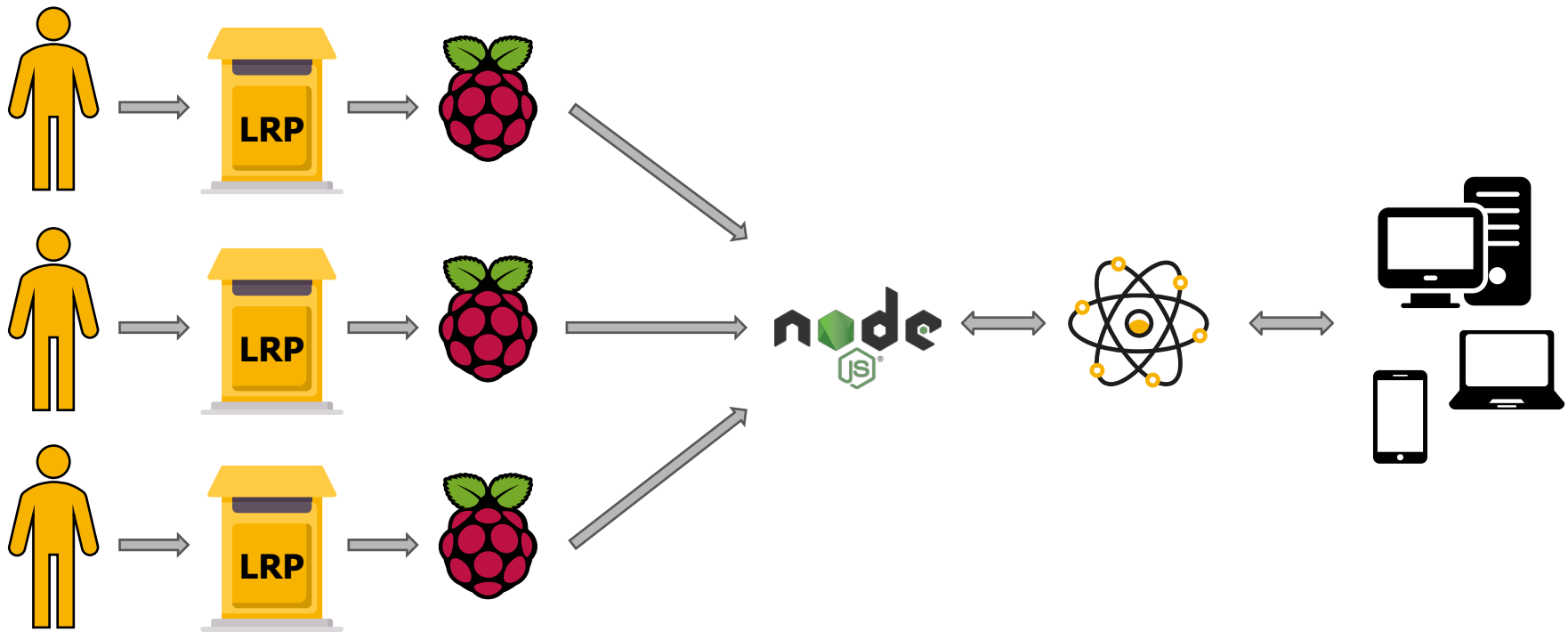A mobile-optimized web app, built for the busy student on the go

Webcams that activate on use, integrating with already present technology

A logic layer for data processing, amplifying the research potential

Create a tool that takes the guesswork out of finding a food pantry.

A student interacts with the pantry.

Raspberry Pi uploads new photo to web server.

Analytical data and photos are processed.

Contents can be viewed from any device

Positive Impact

By streamlining access to food, there will be fewer hungry students

Volunteers will be able to leverage the app, making it easy to maintain stock levels

This technology will be shared across the nation, compounding the impact

Ram Pantry

http://LittleRamPantries.com