

#### **PROBLEM**

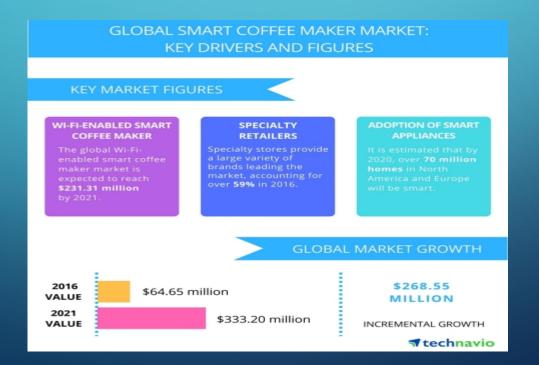
• Differentiation through mobile synchronization and availability of fresh coffee in the workplace setting.

#### SOLUTION

Brewster Time would solve this problem by adding in a social component with real-time automation, notification, and participation. By utilizing the Brewster app, a simple push of a button will initiate Brewster Time to make coffee. Once complete, Brewster Time will notify team members via twitter that fresh coffee is ready and awaiting.

### MARKET RESEARCH

- "Europe, the United States and Japan Account for Over 50% of the World
   Total Coffee Market."
- "Growing Millennial Population is Fueling Market Growth of Coffee."
- Key Trends



# COMPLETION

- Coffee Shop (premium vs value)
- Corporate Coffee Services (premium vs value)
- Home Brew (premium vs value)

# PLAN - CORPORATE PREMIUM

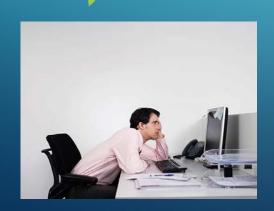
- Millennials are asking for different office perks (new growing market)
- Employers are see premium coffee as cost effective employee satisfier
- Workplace coffee service internal data value: Customer usage data, Machine Usage, Consumer base channel for advertising
- Corporate coffee service external data value to clients Productivity,
   Forecasting/Budgeting, Workplace "differentiator"

# ARCHITECTURE











# COMMUNICATION



Mobilejquerry HTML5 JavaScript Paho MQTT



loT Platform MQTT Broker Workflow



Social Media

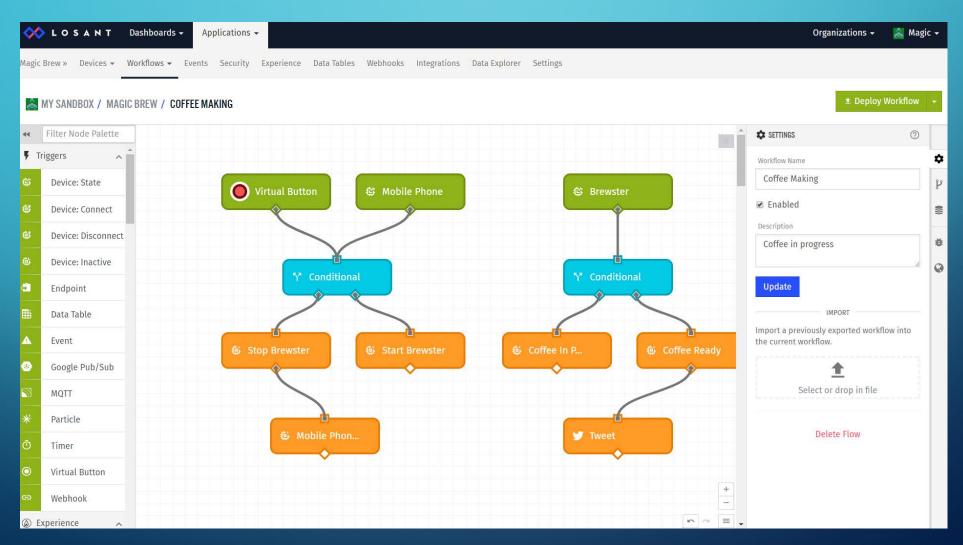


Particle Photon
Particle Json
Structure-MQTTdevice

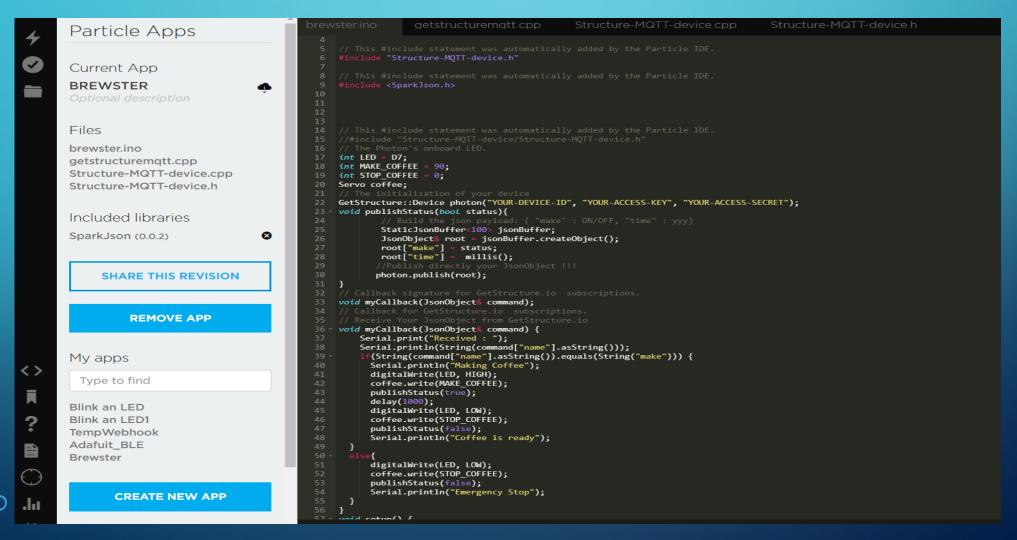


**Twitter App** 

### STRUCTURE APPLICATION



#### PARTICLE PHOTON APPLICATION



# COFFEE MACHINE HACK

#### Coffee Maker

Social coffee break

Make Coffee

Status:

#### Received Messages









# IT'S BREWSTER TIME!

- Usefulness
- Technology, Market, and Implementation
- Scalability, Reliability, and Limitations
- Quality of User Experience & Craftsmanship