

**To be considered for participation in the Kata you must complete the [Google form](#) by midnight Eastern time 10/22.**

Katas are a TEAM event. Please be sure your entry on the form is for a team of 3-5 people.

No personal information please; do not include team member names, or email addresses.

Github repos should *not* include your name or workplace.

Problems? Questions?

Email [katas@oreilly.com](mailto:katas@oreilly.com)

## The Problem (Kata)

### Farmacy Food

Founder: Kwaku Osei

Farmacy Food is a tech-enabled healthy food startup that takes the “Let food be thy medicine” quote literally and creates tasty meals around peoples’ dietary needs and active lifestyles to support their overall well-being. Our mission is to make health and wellness radically affordable and accessible.

Farmacy Food mission: <https://www.youtube.com/watch?v=9aSLSVAlkoM>

Farmacy Food website: <https://www.farmacyfood.com/>d: Food as Medicine Actualized - Kwaku Osei - Farms, Food & Health Conference 2019

A “ghost kitchen” needs a system to allow users to have visibility of what items are available, purchase, and pick up items at any one of their points of sale.

**Users:** dozens of automated fridges and representative run kiosks, thousands of customers.

**Requirements:**

- Must integrate with 3rd party smart fridges to obtain inventory and purchase activity
- Smart Fridges Produce item inventory levels and purchases. The smart fridges have a cloud based management system that handles communication with the Smart Fridge so obtaining this data would be through an API.
- Must integrate with point of sale system at kiosks
- The Kiosk is a sublet space inside another business where we will sell our product but have an employee to handle the transactions through a point of sale. The same data should be accessible through the POS systems API's.
- Mobile Web accessible
- Support providing feedback on items of verified purchases and in app surveys
- Accept coupons and promotional pricing
- Send inventory updates to central kitchen

#### Long term Goals

- Long term would like to allow multiple vendors to offer items through points of sale
- Wants to harvest data to provide personalized recommendations based on users health goals, purchase history, and item ratings

## Other Logistics and Details

#### Important Dates:

- Team submission closes: midnight Eastern time on 10/22
- Submissions via this Google Form:t
- [https://docs.google.com/forms/d/1k4M9zoEOyeamEoCpYIW\\_URDoCGytjnLugltOw5kNRql/edit?ts=5f85d981](https://docs.google.com/forms/d/1k4M9zoEOyeamEoCpYIW_URDoCGytjnLugltOw5kNRql/edit?ts=5f85d981)
- Teams notified by midnight on 10/24 if they were selected or not
- Solutions from selected teams submitted by **midnight Eastern time on Monday, 11/2.**
- Judges will review from 11/2-11/13 and pick semifinalists.
- Semifinalists announced at 11/17 Event
- Semifinalists will present at the finals on 12/3