**To be considered for participation in the Kata you must complete the** [**Google form**](https://docs.google.com/forms/d/1k4M9zoEOyeamEoCpYlW_URDoCGytjnLugItOw5kNRqI/edit?ts=5f85d981) **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=9aSLSVAIkoM>

Farmacy Food website: <https://www.farmacyfood.com/>

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 handle the transactions through a point of sale. The same data should be accessible through the POS systems API’s.
* Mobile and 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/1k4M9zoEOyeamEoCpYlW_URDoCGytjnLugItOw5kNRqI/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