Problem Statement

Consumers are making a tectonic shift away from “Brick-and-Mortar” stores to online shopping using various technologies: Intelligent Personal Assistants, Web Apps, Phone Apps, etc. Pharmacies have been lagging in this new frontier and are beginning to understand that it is no longer a question of if their industry will be transformed but it is a question of who will lead this transformation and when it will happen. In this project, we will leverage Alexa as an interactive assistant to a Pharmacy Management System hosted in Azure to automate the process of filling prescriptions for consumers.

PharmAid is a Pharmacy Solution which pharmacies can leverage as an adjunct to their existing “Brick-and-Mortar” stores or aid in consolidating pharmacies to a central fill site to reduce costs and increase customer satisfaction.

PharmAid is comprised of 3 main components:

* An Alexa Skill to talk to an Azure Service.
* An Azure Web API Application Service to receive the Alexa request and process it.
* An Azure HTTP Get Function to simulate a pharmacy management system API.

Here is an example of the PharmAid data flow (show slide).

Show Demo.

Ask pharmaid to fill my prescription

Ask pharmaid when will my prescription be ready

Ask pharmaid to find my prescription

Ask pharmaid to call my doctor