

Farmacy Family Architecture Proposal

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This is an Architecture proposal by Arkhamtectures Team to enhance existing [Farmacy Foods](#) to further their customer engagement.

Overview

Primary goals

- develop relationships between [engaged customers](#) and nurture those relationships
- convert transactional customers to [engaged customers](#)
- generate analytical data from medical information to demonstrate the benefits of Farmacy Foods

When a transactional customer purchases a meal, Farmacy Family will generate an email elucidating additional benefits available for becoming an [engaged customer](#).

Thus, the overall goal of Farmacy Family is to connect, gather, analyze, and communicate.

Definitions

1. Transactional Customer: Customer of FFoods
2. Engaged Customer - Customer of both FFamily and FFoods
3. Support Community - Engaged members within a [\[community\]](#)
4. Client: low income, poverty level, homeless, college students, educators, senior citizens
5. Community - small group of [engaged customers](#) within a neighborhood area

This is another paragraph.^[1]

Requirements

- Add a new system to manage customer profiles, allowing [\[community\]](#) engagement, personalization around preferences and dietary needs.
- Support geographical trend analysis to hone Farmacy Family's ability to optimize the foods delivered to fridges (an additional integration point To Farmacy Foods).
- Support both push and pull models for [\[community\]](#) engagement. In other words, Farmacy Family will manage forums, emails, and create connections between similar demographics. Farmacy Family needs [Transactional Customer](#) information for outreach purposes. The engagement model includes subscriptions, forums, reference material, class information, and other media that supports Food-as-medicine.
- eDietian has access to customer profile to improve advice and monitoring of customers. Additionally, the customer and dietitian can interact via messages.
- Farmacy Family wants to improve the distribution and potential food waste from having the wrong mix of foods in a particular fridge.
- Farmacy Family will include medical profile information and the ability to share information with medical service providers.
- Farmacy Family customers can customize how much profile information they want to allow the [\[community\]](#) to see, at a fine-grained level.
- Farmacy Family has relationships with third party providers (clinics, doctors, etc) that have access to more analytical data to improve engagement (for example, regional dietary observations).
- Add Farmacy Family user interface to existing Foods interface, which is currently a Reactive monolith. Create a holistic UX for both food and Farmacy Family to support engagement model.

Technical Details

Domain areas

- Onboarding
 - profile for customer
 - analytics
- Community
 - forum (localized, temporal)
 - in person / virtual events (localized, temporal)
 - classes (localized, temporal)
 - interactive media library (global, reference)
 - general wellness education (global, reference)
- Integration (extranet)
 - dietician

- clinics
- Pharmacy Foods

Engagement Models

- Clients
 - Covered above - building a community, education, increased awareness
- Clinics - Work with clinics to establish baseline tests for clients
 - Gather results
 - Test every 3 months
 - Analyze results
 - Demonstrate any change in their overall health
 - use this info to gain investors and additional support and help
- Dieticians
 - Pharmacy Foods supported generic advice from dieticians. Pharmacy Family will support one-on-one advice for engaged customers
 - Regular contact via messages
 - Selective access to medical information about the customer from a partner clinic
- Family Foods
 - Pharmacy Family needs to know which Transactional Customers (and their information) are not part of Pharmacy Family (Engaged Customer) to start the onboarding process for those customers
 - Pharmacy Foods needs to know which transactional customers are Engaged Customers

Additional Context

- The new system must seamlessly incorporate into Pharmacy Foods
- Improved use of analytics driven through the new integration of Pharmacy Family will help gather new investors and prove better dietary outcomes in member communities



Example 1. Example block title

Content in an example block is subject to normal substitutions.

Sidebar title

Sidebars contain aside text and are subject to normal substitutions.

Third level heading

Listing block title

Content in a listing block is subject to verbatim substitutions.
Listing block content is commonly used to preserve code input.

Fourth level heading

Table 1. Table title

Column heading 1	Column heading 2
Column 1, row 1	Column 2, row 1
Column 1, row 2	Column 2, row 2

Fifth level heading

I am a block quote or a prose excerpt. I am subject to normal substitutions.

— firstname lastname, movie title

I am a verse block.

Indents and endlines are preserved in verse blocks.

— firstname lastname, poem title and more

First level heading



There are five admonition labels: Tip, Note, Important, Caution and Warning.

1. ordered list item
 - a. nested ordered list item
2. ordered list item

First level heading

This is a link to the [Asciidoctor documentation](#). This is an attribute reference [that links this text to the AsciiDoc Syntax Quick Reference](#).

[1] I am footnote text and will be displayed at the bottom of the article.