

Fridge Assistant

1. About

Fridge Assistant is an android application to keep track of your groceries in an easy and convenient way.

2. Initial Milestones

- A. User should be able to track inventory
- B. Grocery list should be automatically updated.
- C. App should be able to send notifications.
- D. Make data compatible with different applications
- E. Use API to Sync data with web services/apps
- F. Turn database items into parsable xml
- G. Deploy(?)

3. Questions to consider(?)

- A. Are units of the items important?(E.g. 1 **pack** of milk)
- B. How will the system know that item x is ending?(Possible solution would be machine learning).
- C. Possible Monetization?(Ads, Lite/Paid Versions, Donation Based)
- D. What ORM?
 - a. [Sugar ORM](#)
 - b. [Siminov](#)
 - c. [ORMLite](#)
 - d. [ActiveAndroid](#)
- E. Targeted platforms? (Android 2 - 4(?))

4. Basic Functionality:

At its core Fridge Assistant, in a very abstract level, should be an inventory tracking system. I think that at its first iteration we should implement a very basic inventory tracking system. The emphasis however should be on grocery items.

(We can discuss our intentions on monday or whenever)

5. Possible Initial Tasks

- Start initial documentation.
- Mock up basic UI in Visio.
- Draw basic database diagram.

5. Basic Mockup

