

Intent: Need to handle expiring item, expired item, or item unknown expiry date	
	Trigger: Upon discovering expiring item, expired item, or item with unknown expiry date
Intent: compare expiry date to current date to see if item is expired	<ol style="list-style-type: none"> 1. Check for expiry date <ul style="list-style-type: none"> – If expiring or date not found, go to 2 – If expired date just past, go to 2 – If expired date was long time ago, go to 3
Intent: confirm if the item has gone bad if it's nearing or past the expiry date	<ol style="list-style-type: none"> 2. Rely on own visual and other sensory cues to check if item has gone bad (could be smell or taste) <ul style="list-style-type: none"> – If gone bad, go to 3 – If still edible, go to 4 – If still not sure, go to 5
Intent: get rid of the item that has gone bad	<ol style="list-style-type: none"> 3. Throw out the item into the appropriate bin or compost
Intent: utilize the item or save it for later	<ol style="list-style-type: none"> 4. Consume the item or put the item back to where it was found
Intent: confirm if the item has gone bad or not	<ol style="list-style-type: none"> 5. Find references for determining the state of the item (online resource, or peer, or something else) <ul style="list-style-type: none"> – If determined the item is edible, go to 4 – If determined the item was bad, go to 3 – If not found, breakdown

We are targeting:

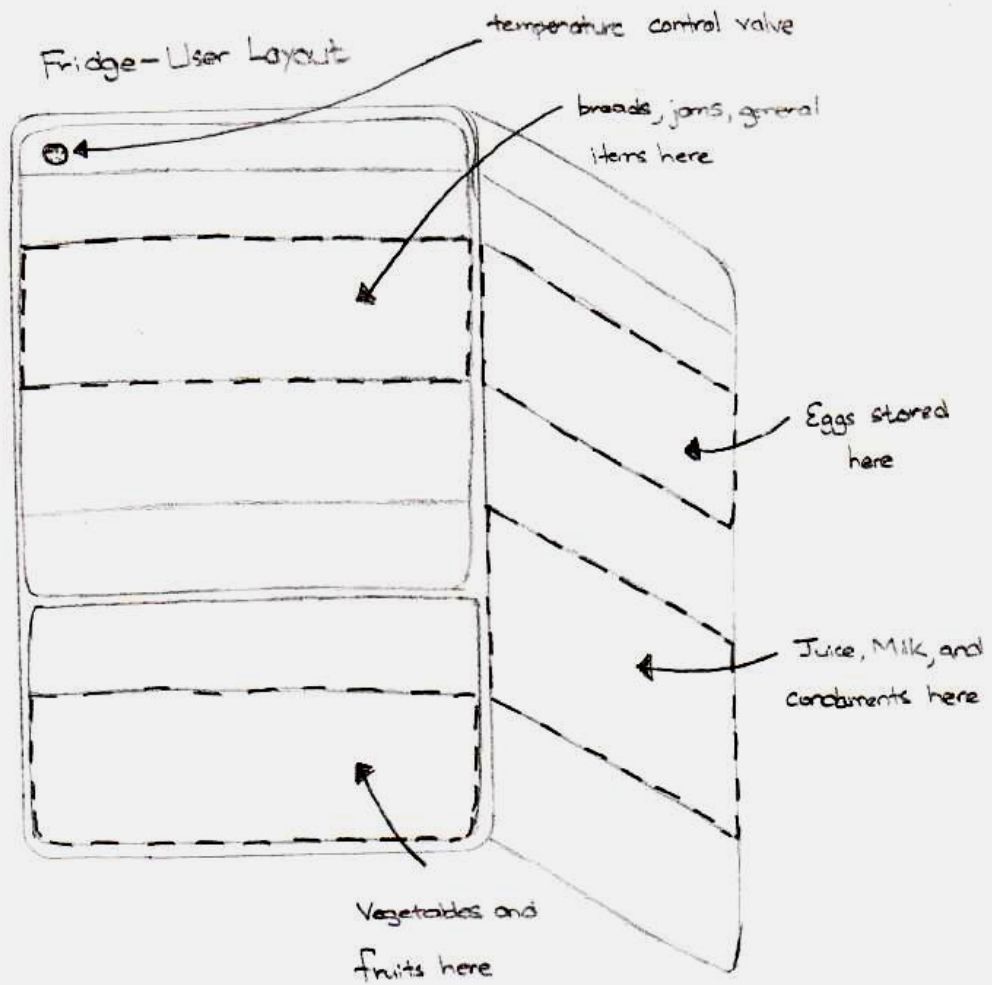
University students

- Low income
- Live near their university
- Travel by car or public transit
- Come from all over the world
- Own a smartphone

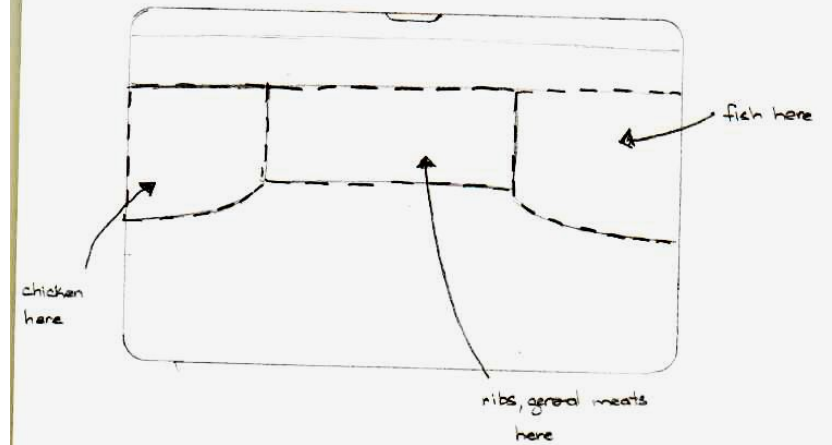
Our study participants:

- Wrongly believed they had no expired food
- Store food in many locations in different rooms
- Do not rely on expiry dates
- Do not have a food storage scheme
- Struggle with shared food storage
- Always throw out food that has gone bad

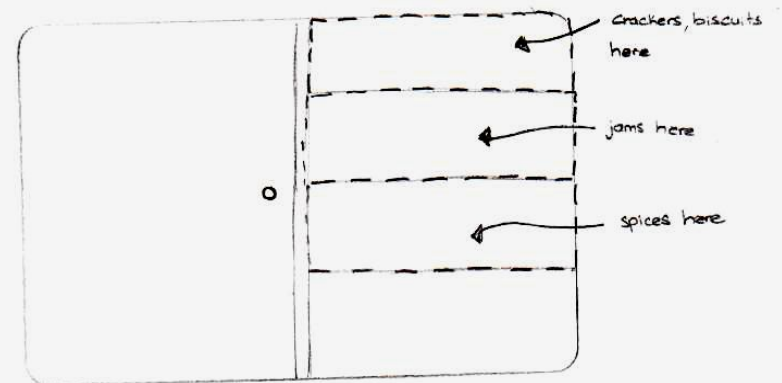
Fridge - User Layout



Freezer - User View



Cupboard - User Layout



login page

App Name

Username

Password

☐ Remember me

Login

New User? Register
Forgot Password? Reset

Main/home Page

Expiring Soon!! Expand

1. ---
2. ---

Expired Already Expand

1. ---
2. ---

New Updates

1. --- more
2. --- more
3. --- more

Home Manage Media Community
(highlight)

Management Page

List of Items Add

Sort By Newest
Expiring soon
Fridge
Freezer
shelf
etc.

1. --- Modify Delete
2. --- Modify Delete
3. --- " "
4. --- "
5. --- "
6. --- "
7. --- "
8. --- "

Home Manage Media Community

Media Page

Article 1 Expand

Article 2 Expand

Home Manage Media Community

scroll
for
more

Community Page

New Expand

1. ---
2. ---

Popular Expand

1. ---
2. ---

Trending Expand

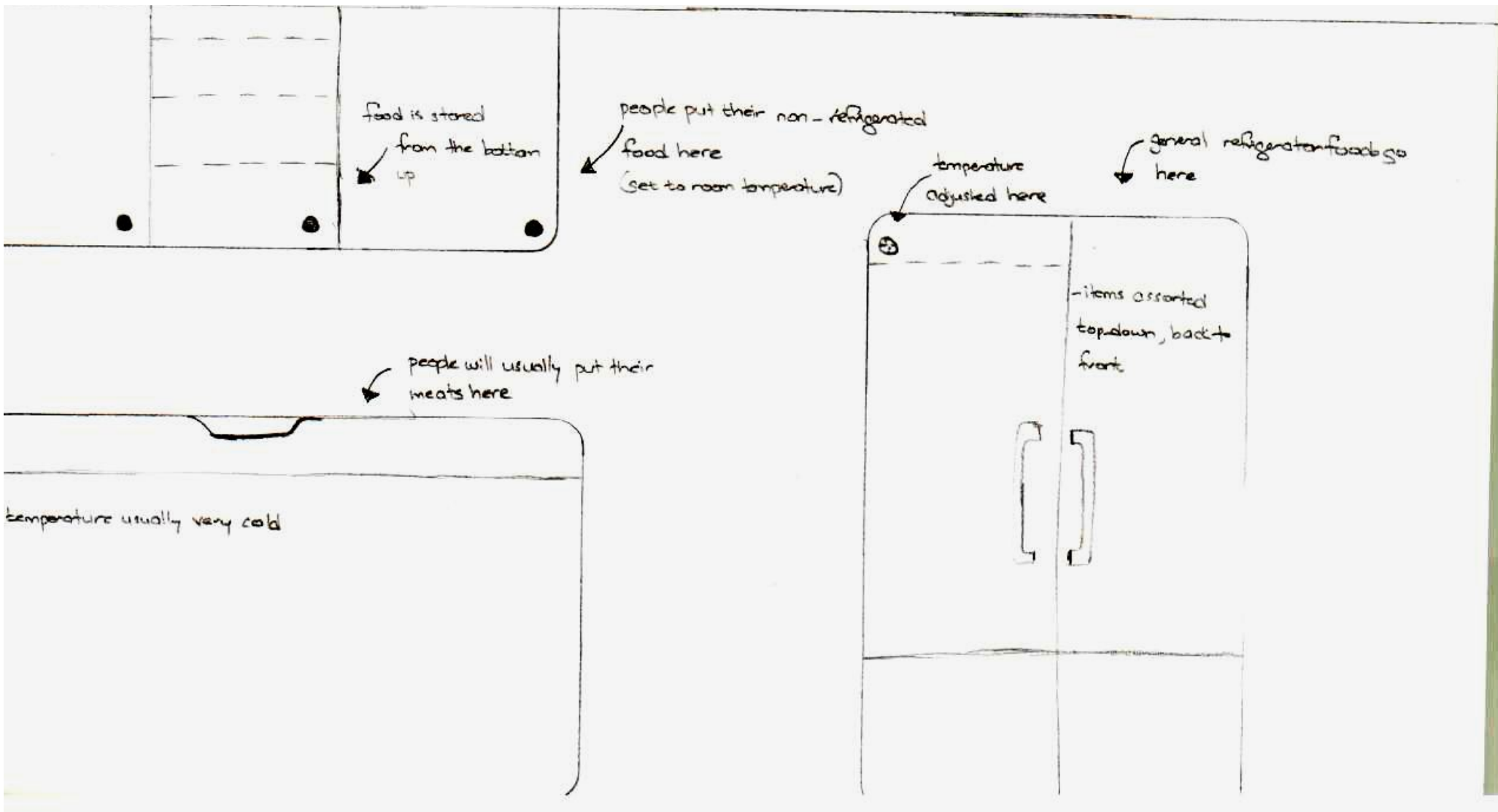
1. ---
2. ---

Home Manage Media Community

Popup

Please note, Item 3
will expire in 3 days!

Relate Item Go to App



Some users store food in locations outside of the kitchen (e.g. in their laundry room or bedroom). Food storage locations in these rooms follow a cupboard layout.

University students:

- Do not realize that some of their food has gone bad, or is about to go bad
- Do not know how to tell if food has expired
- Forget where they put food
- Have difficulty finding the expiry date on food packaging
- Do not trust expiry dates