



# BROCCOLI FOR ALL

BRINGING FRESH PRODUCE TO EVERYONE

**Kelsie Haakenson** | main writer

**Will Huang** | jack of all trades

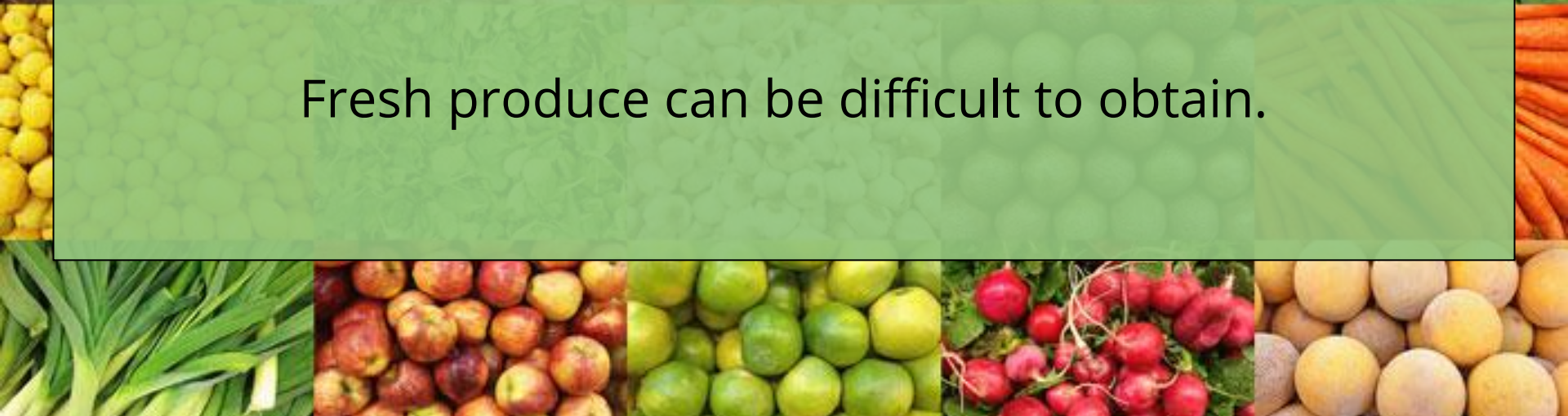
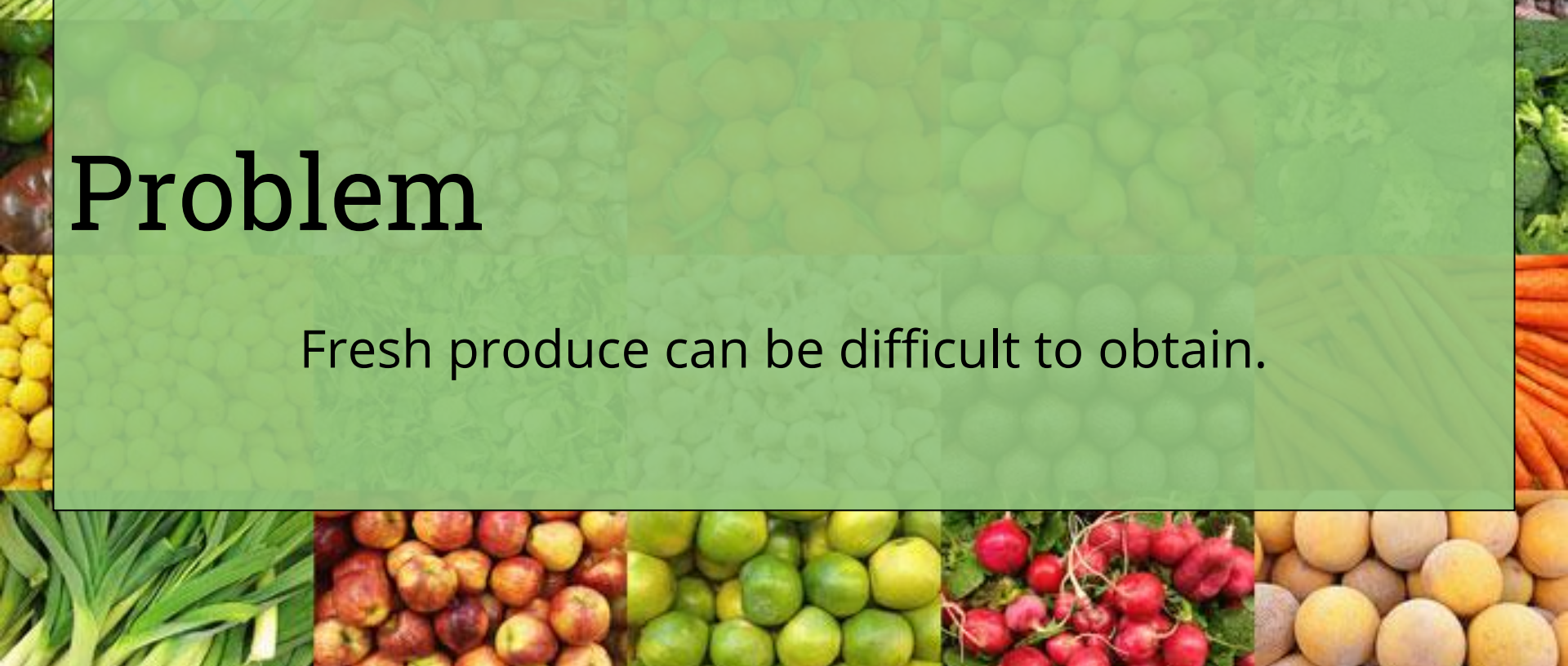
**Yilin Jin** | design lead

**Aishwarya Nirmal** | communications/outreach

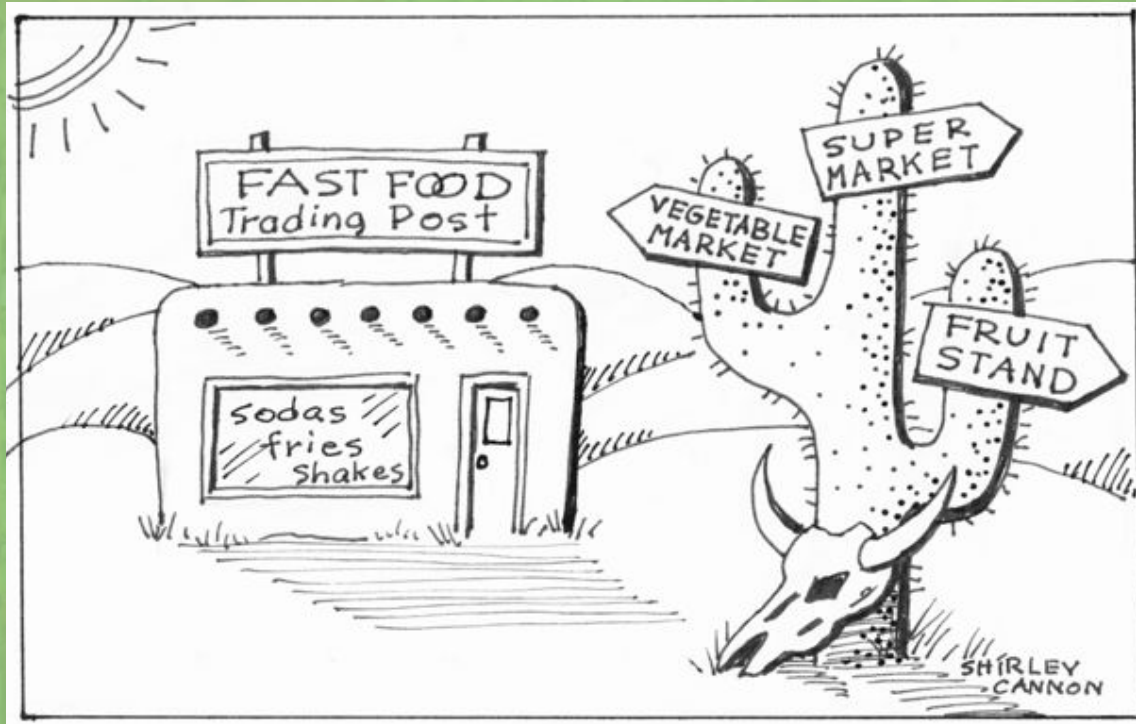


# Problem

Fresh produce can be difficult to obtain.



# Problem



# User Research



Community Garden Coordinator

Food Bank Coordinator

Personal Gardener



<http://www.mspvs.org/wp-content/uploads/2016/01/foodbanksorting.jpg>  
<http://mediad.publicbroadcasting.net/p/kplu/files/201308/Seattle-20120920-00025.jpg>

# What We Found

1. Beginners have hard time learning gardening
2. Need to integrate new members
3. Outdated technology
4. Improvements needed in record keeping & information collection



# Tasks



Garden status



Volunteer application



Mentorship matching



Listing for volunteers

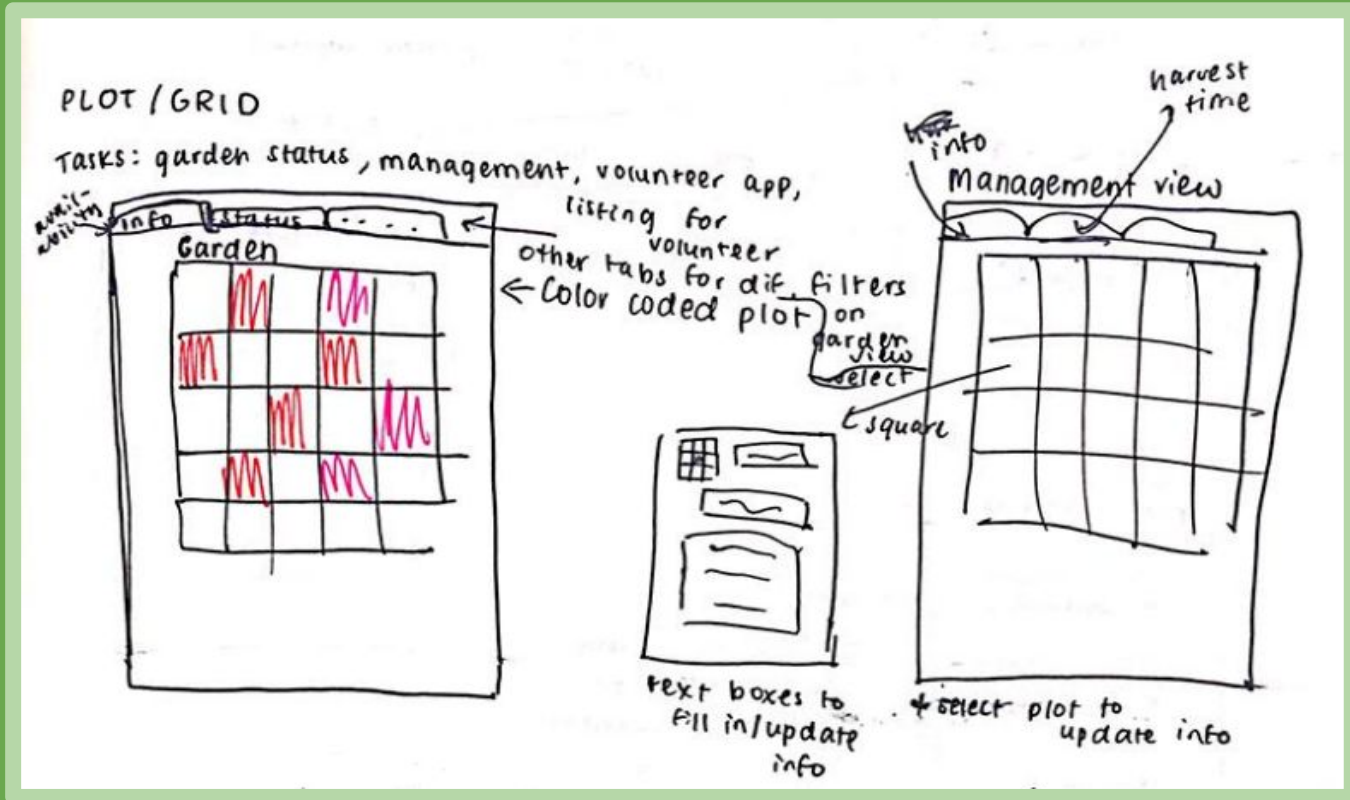


Skill level & availability

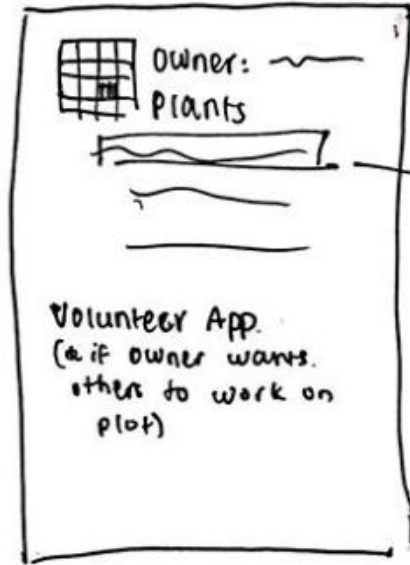


Scheduling

# Garden Plot Design

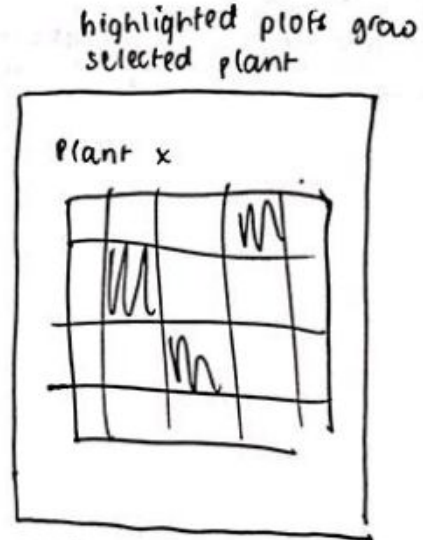


# Garden Plot Design



more specifics on the plot

click plant



highlighted plots grow selected plant

volunteers can figure out plot they want to be part of based on what plants they grow

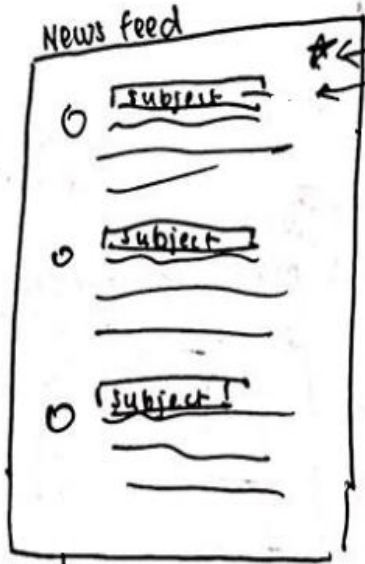
\* need scheduling interface (maybe linked to harvest time)



# Garden Blog Design

BLOG / SOCIAL MEDIA

Tasks : mentorship , post skill lvl/availability,  
list for volunteer, apply for  
volunteering



Notifications

preetermined  
subjects  
(help to filter thru topics)

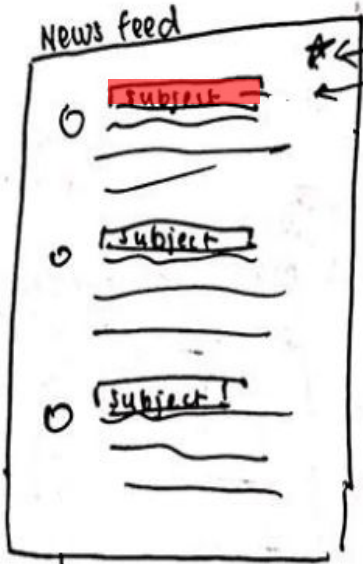
ppl ~~the~~ post about  
what they need help  
w/ in garden

select  
subject

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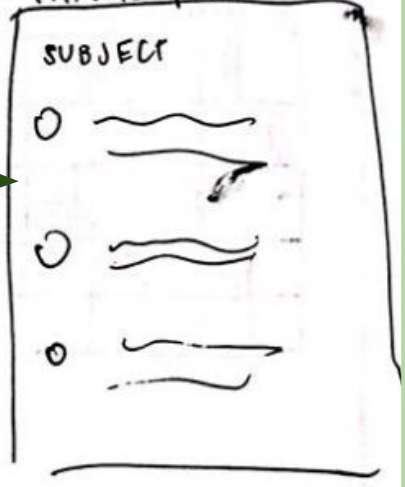
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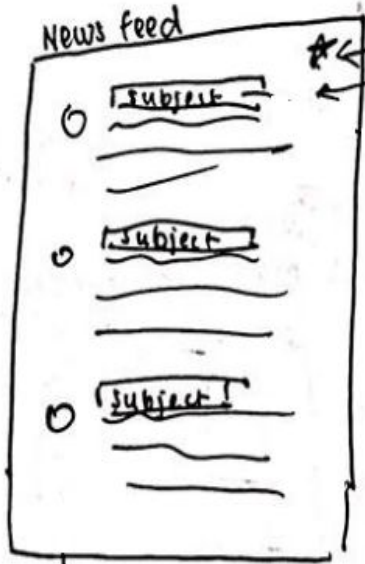
Filtered posts



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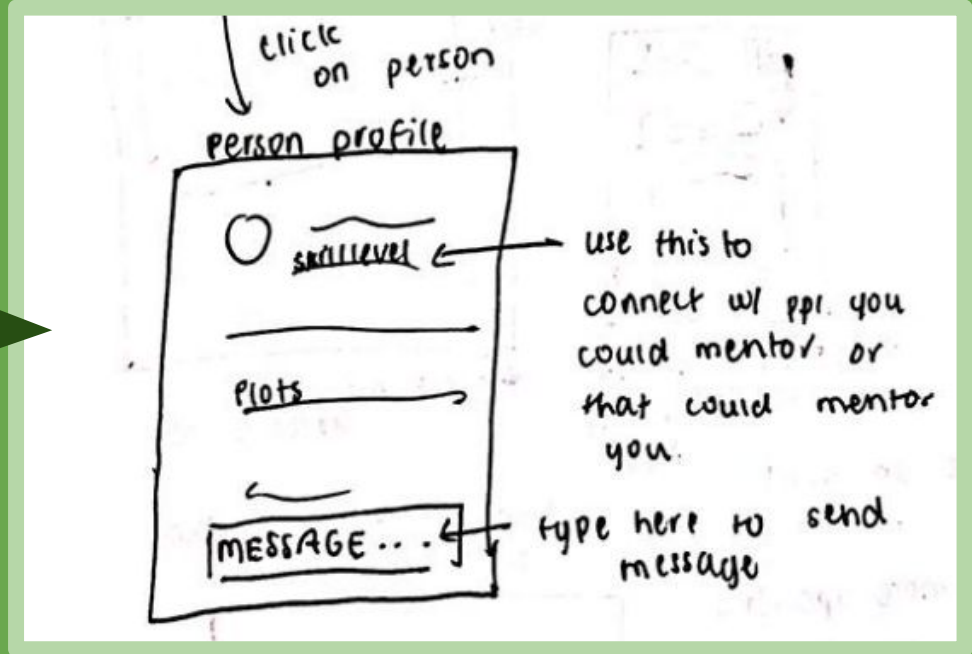
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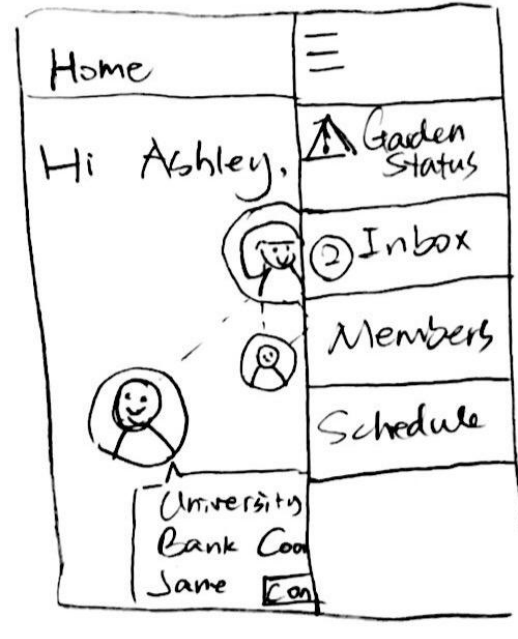
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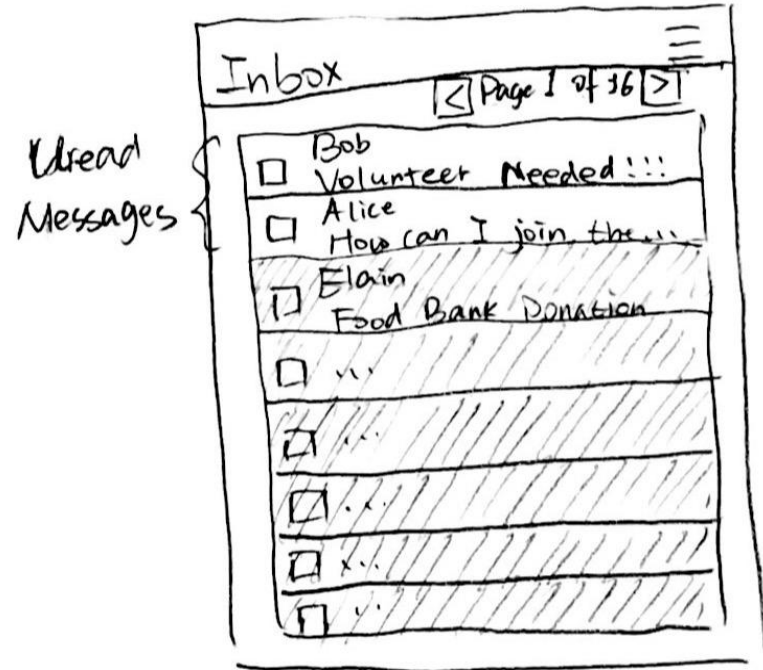
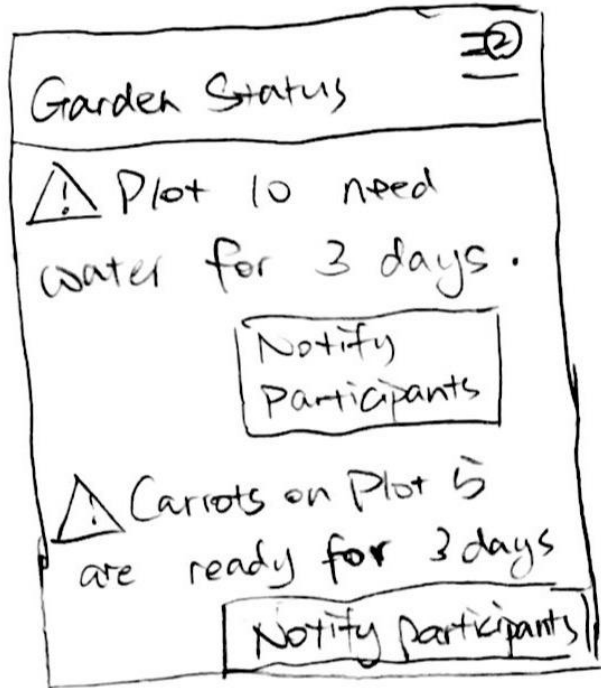
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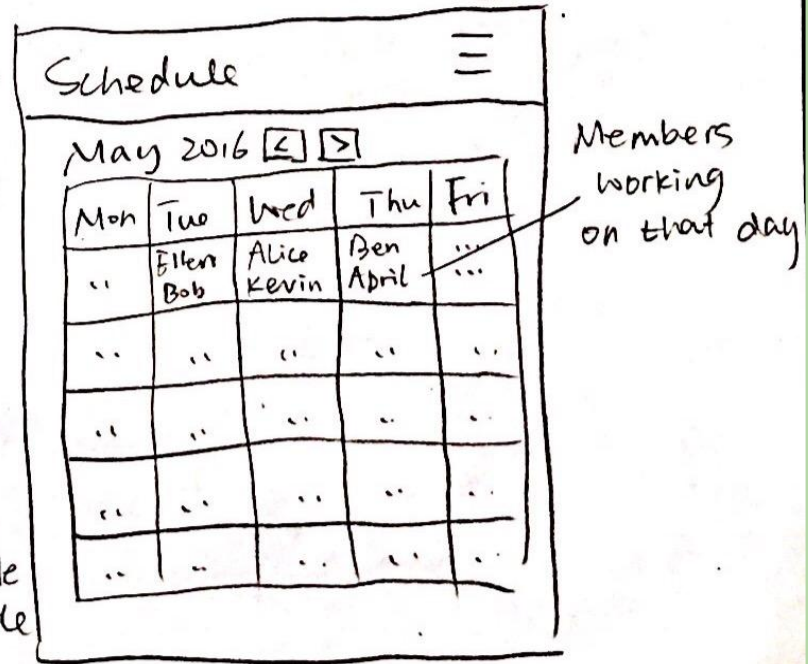
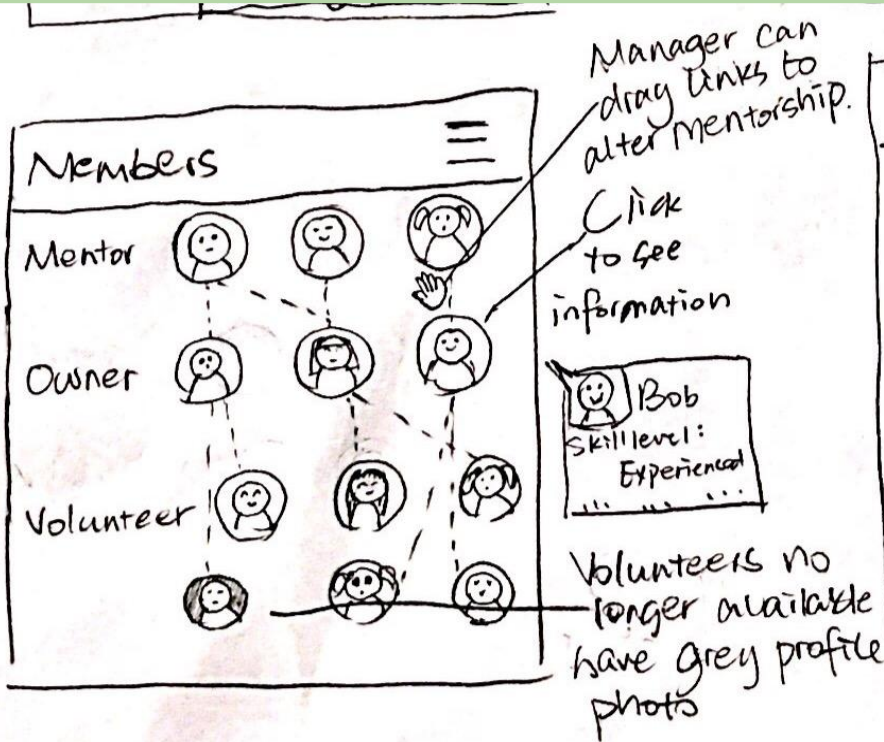
# Garden Management Design



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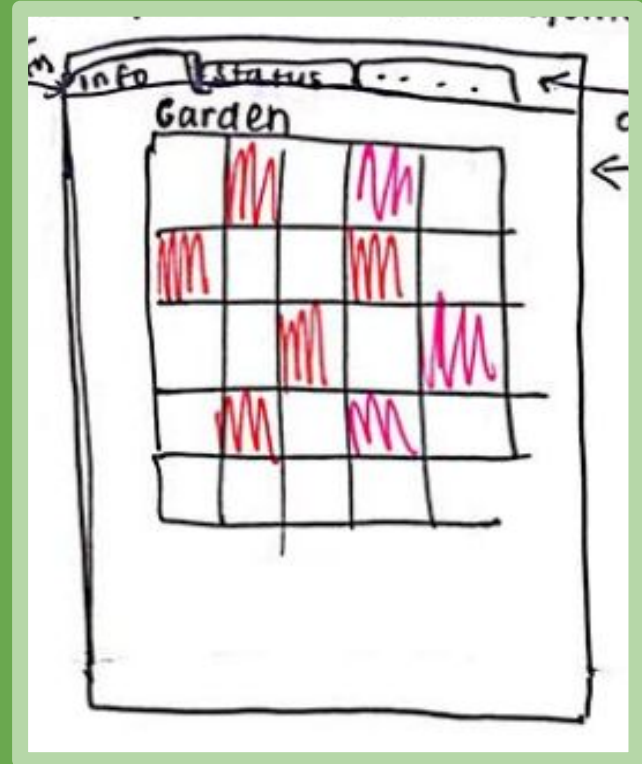


# Selected Design

Tablet grid display

Intuitive

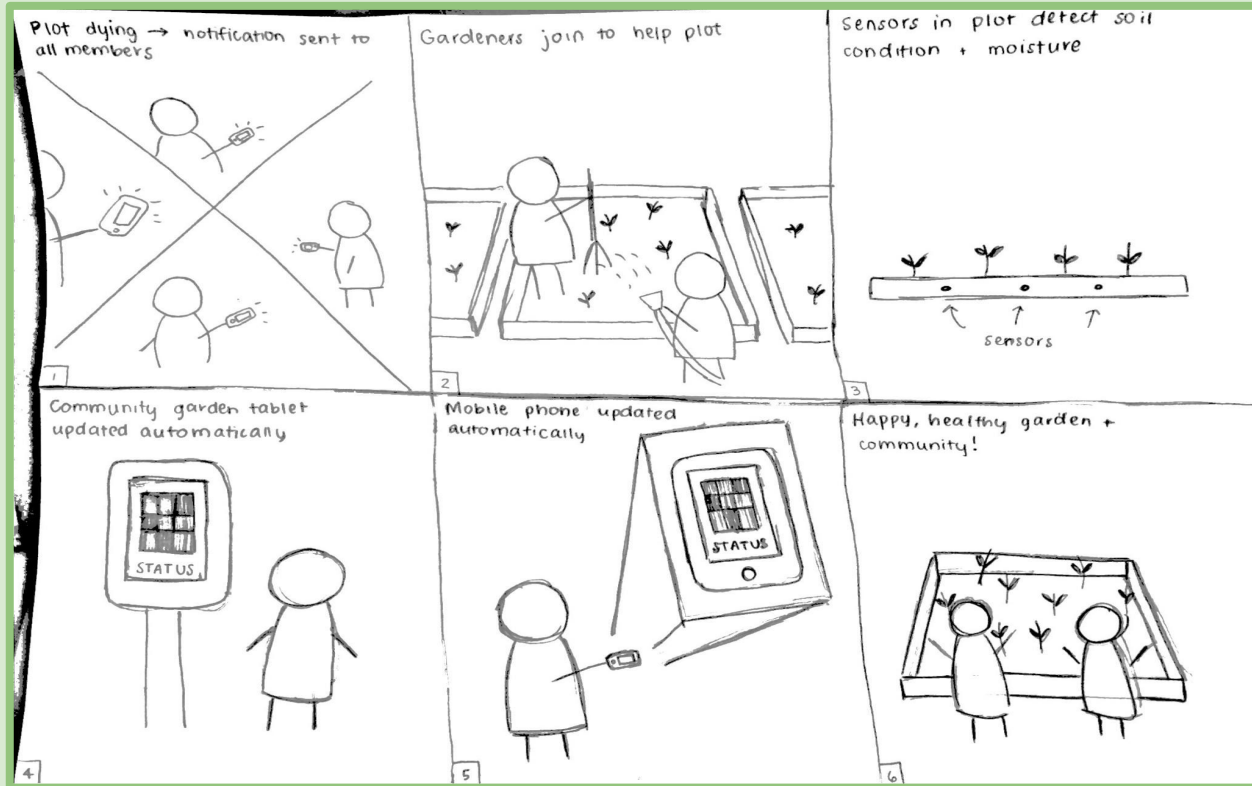
Integrated with other technologies  
(sensors in soil)





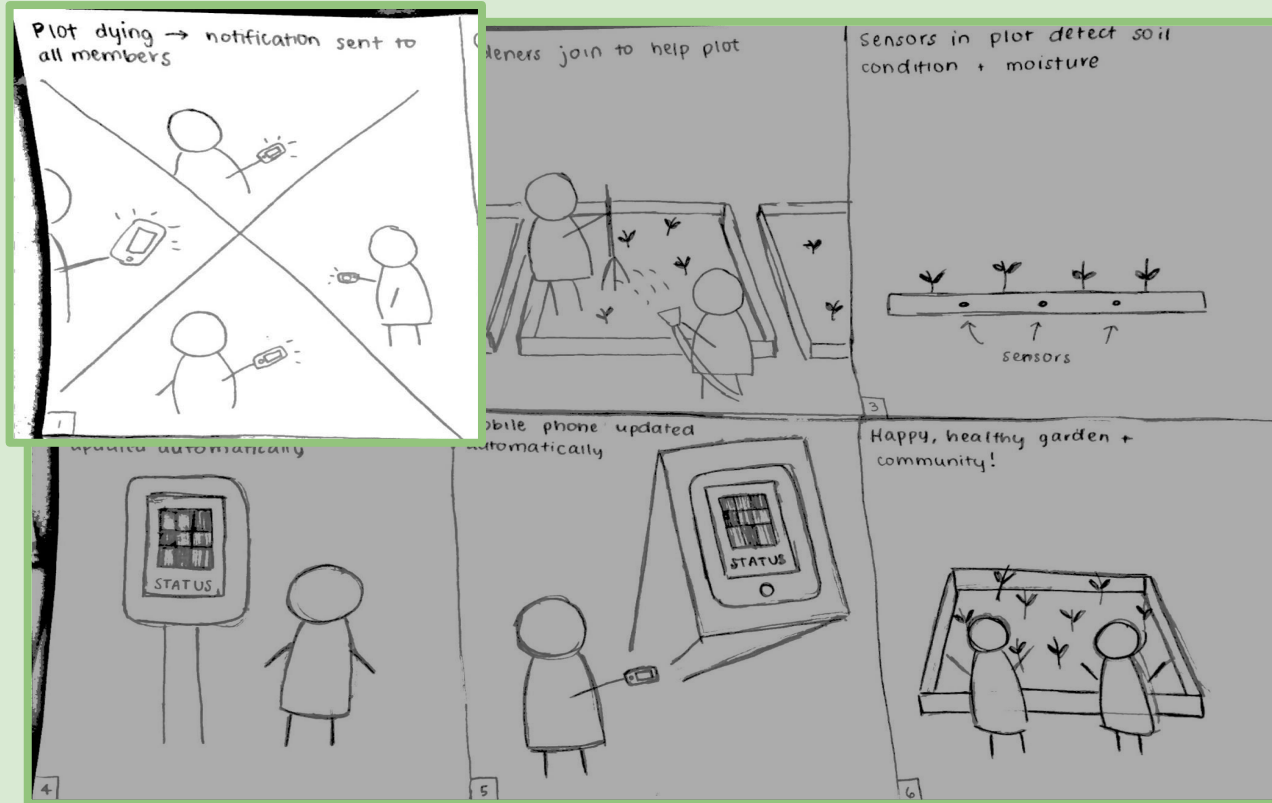
# Storyboard 1

## Displaying and updating the garden's status



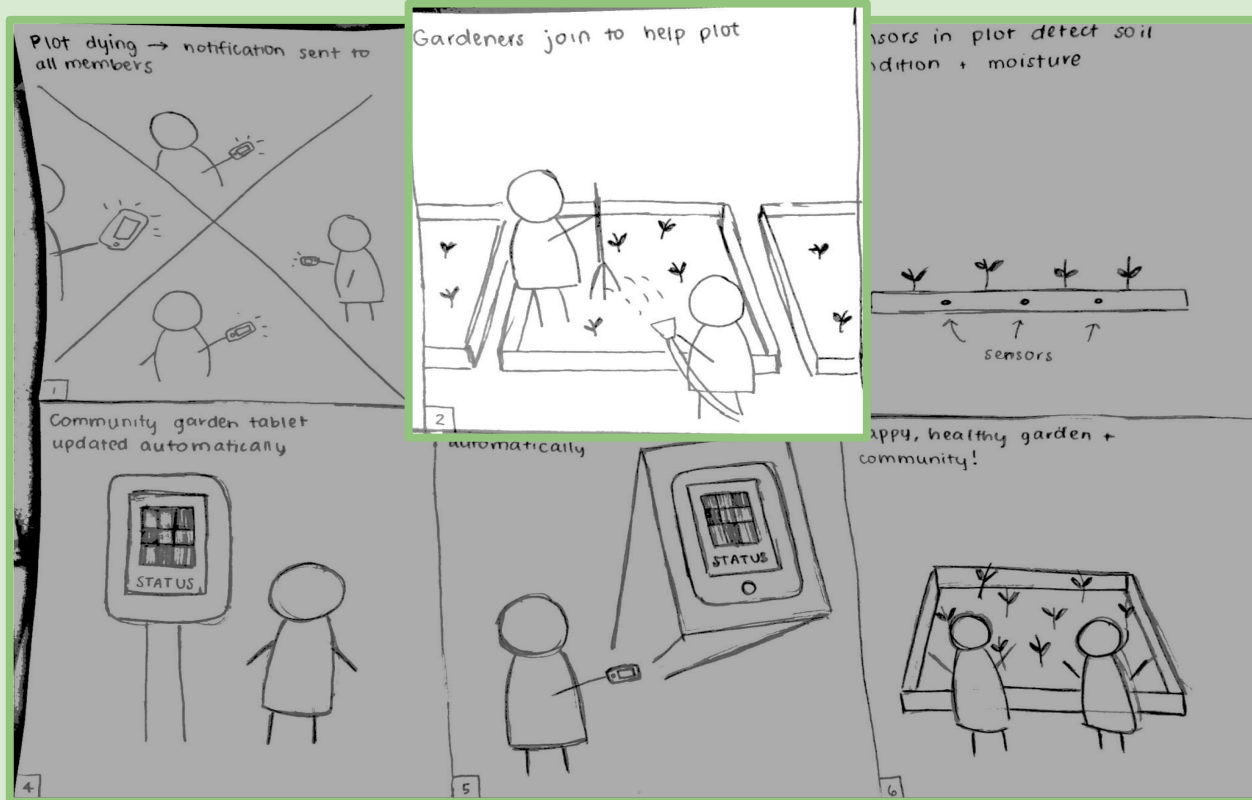
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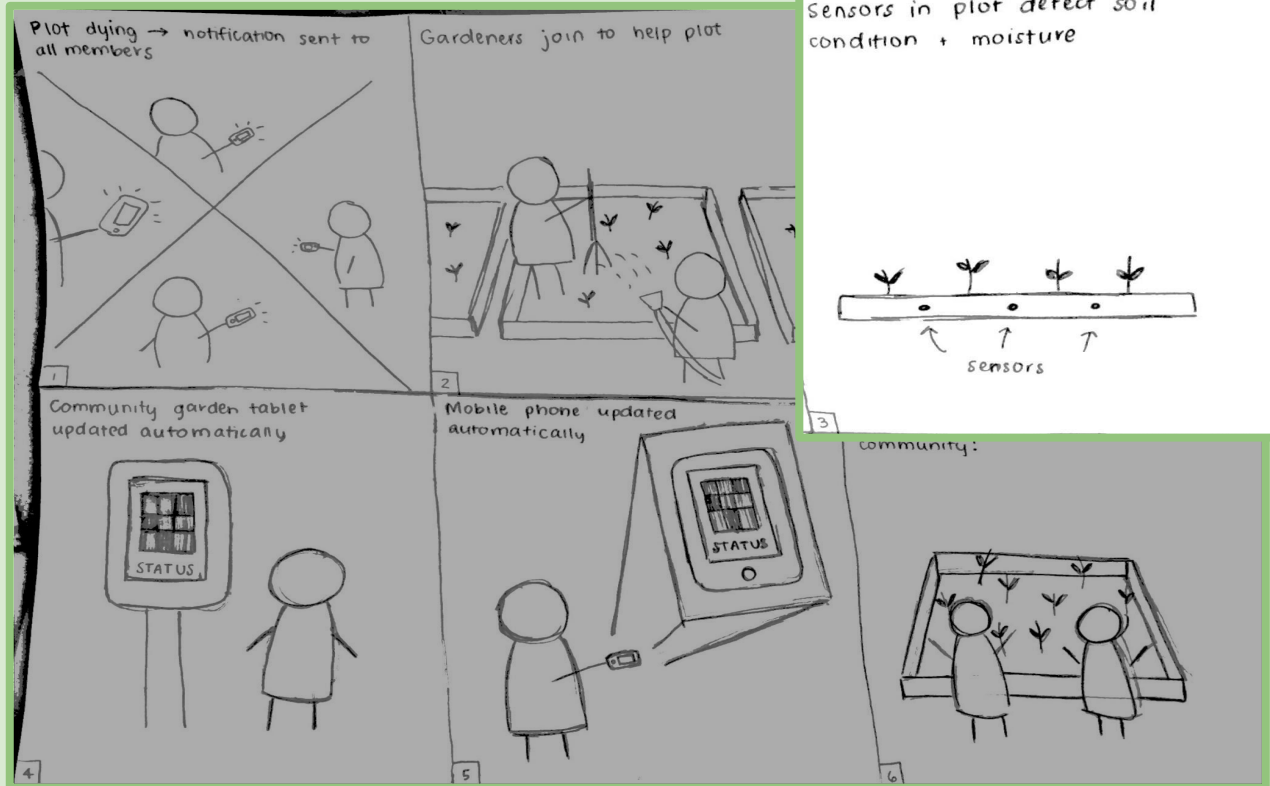
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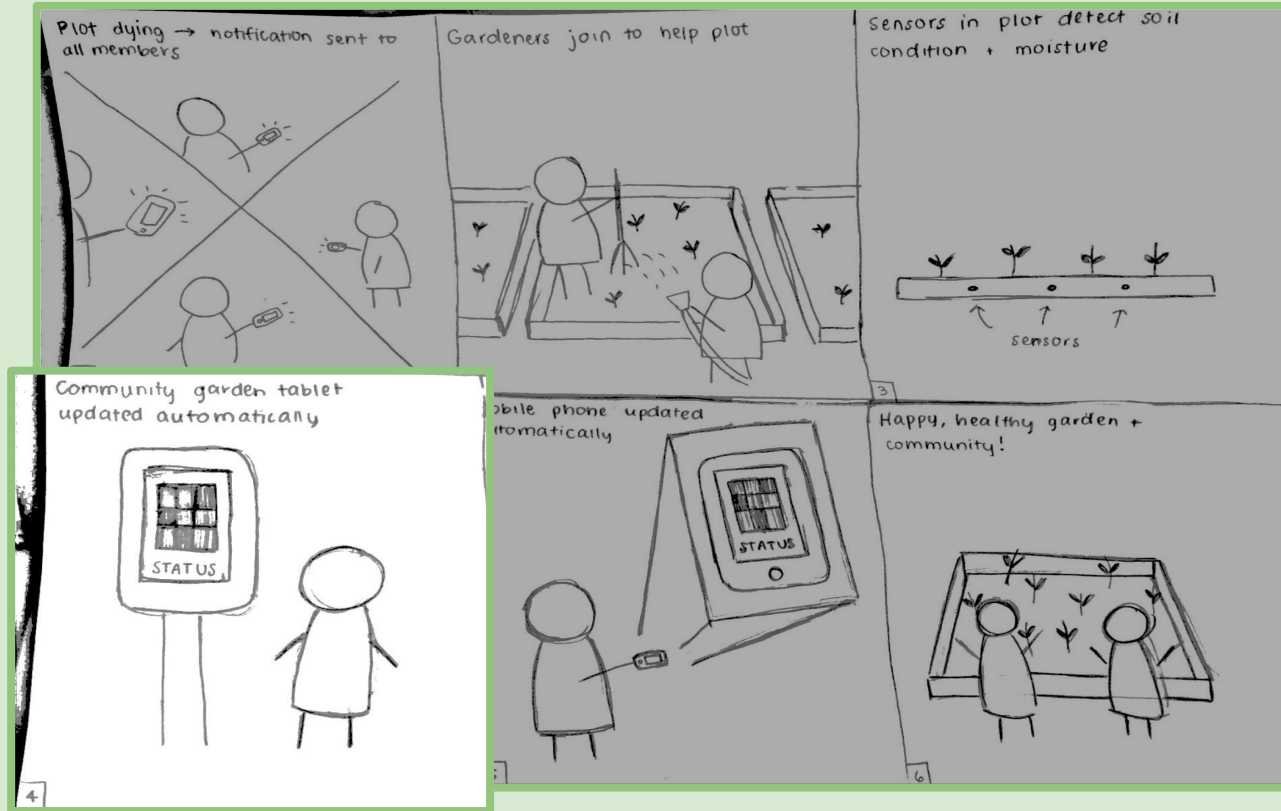
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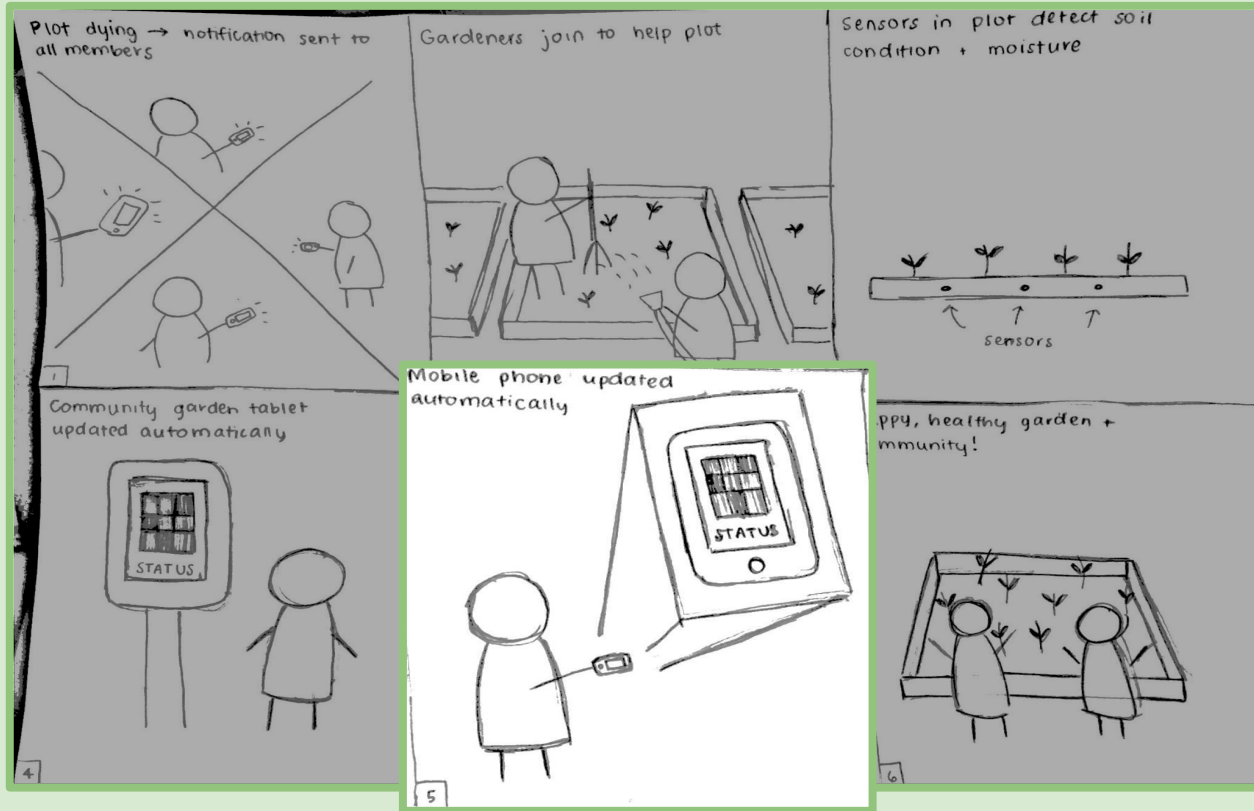
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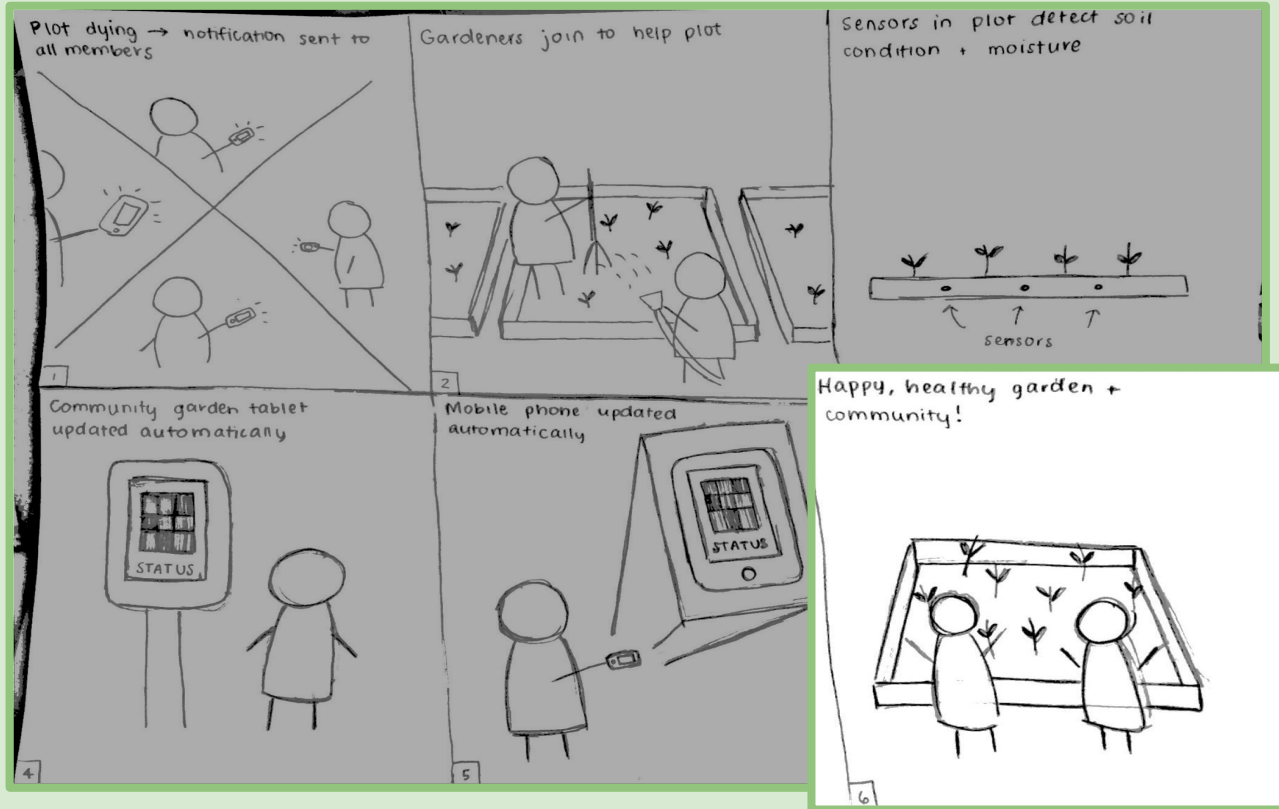
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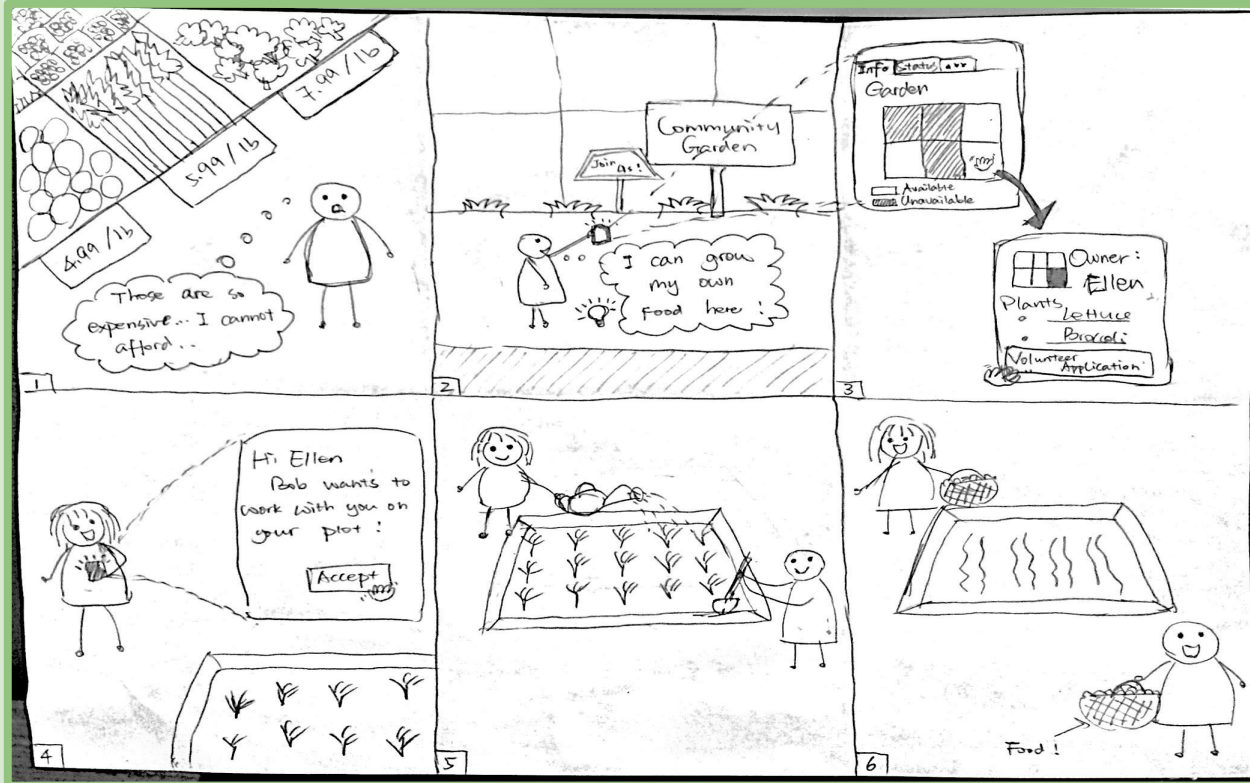
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## Displaying and updating the garden's status



# Storyboard 2

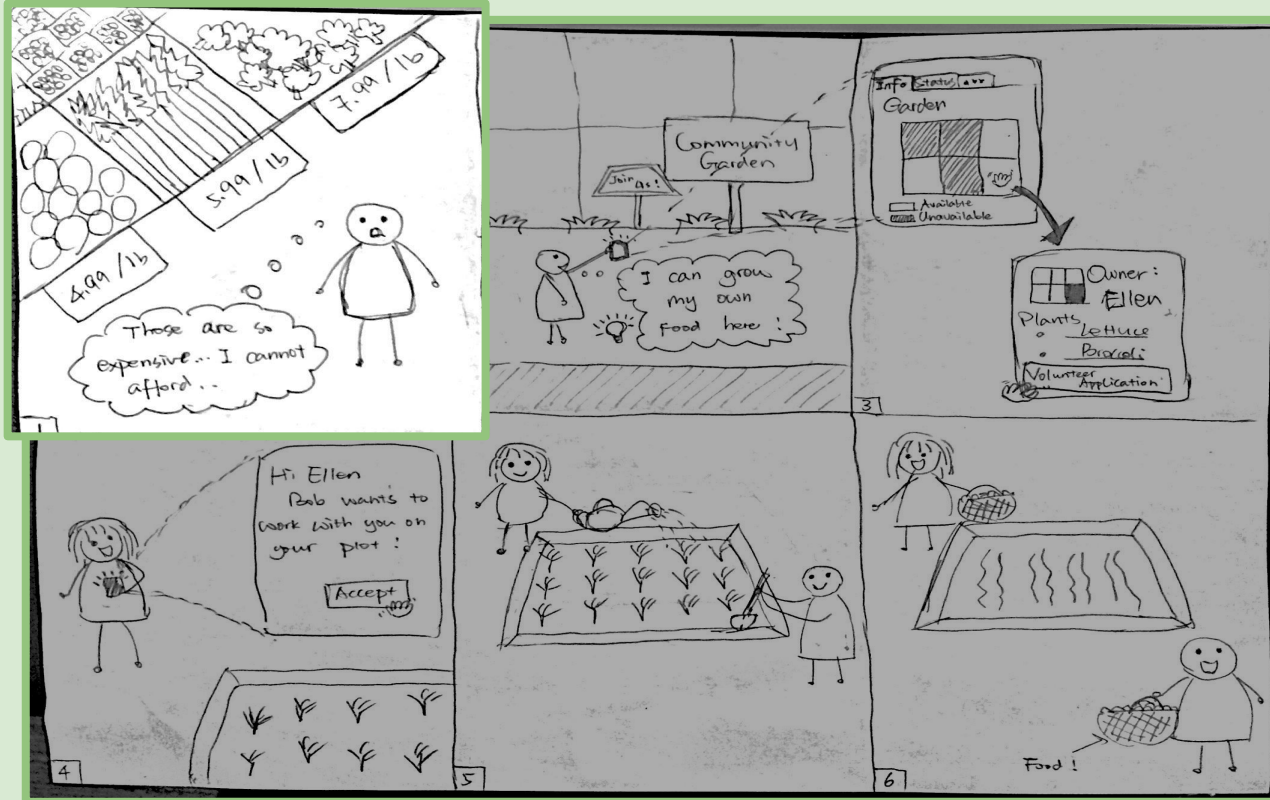
## Volunteer Application





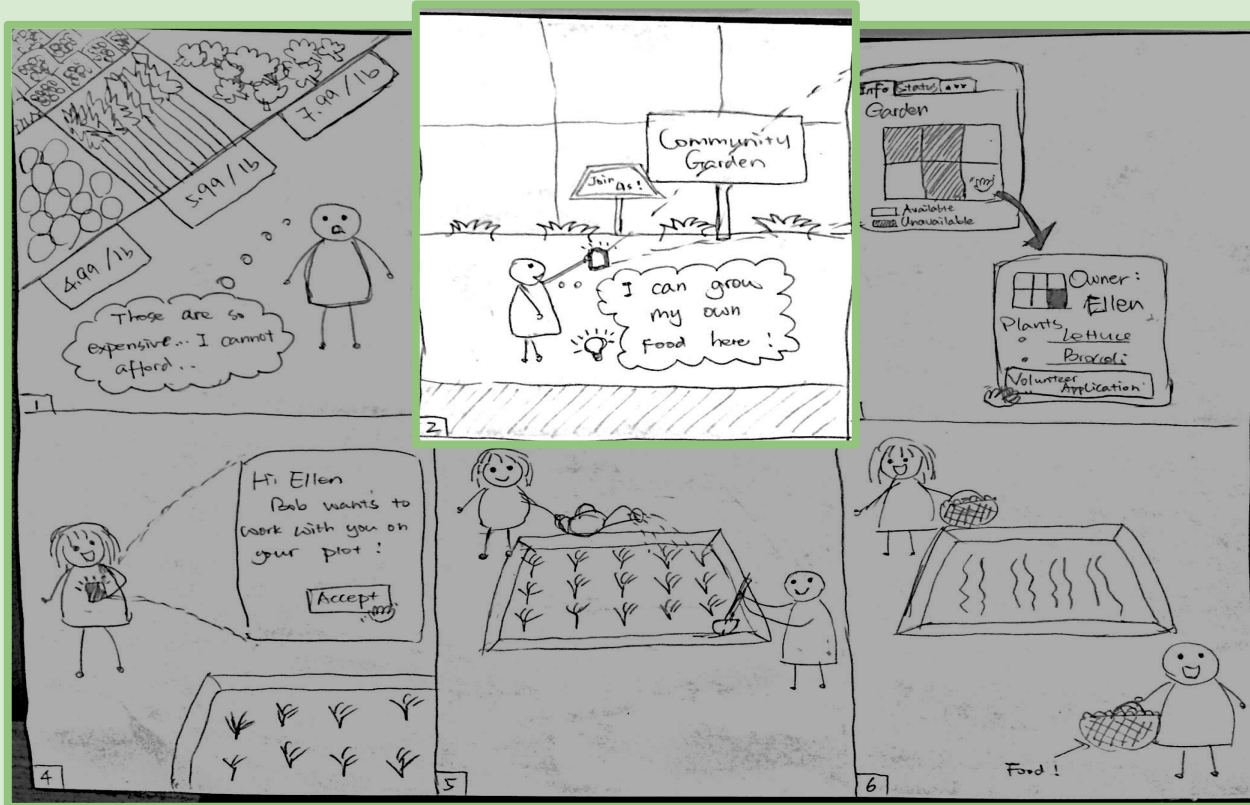
# Storyboard 2

## Volunteer Application



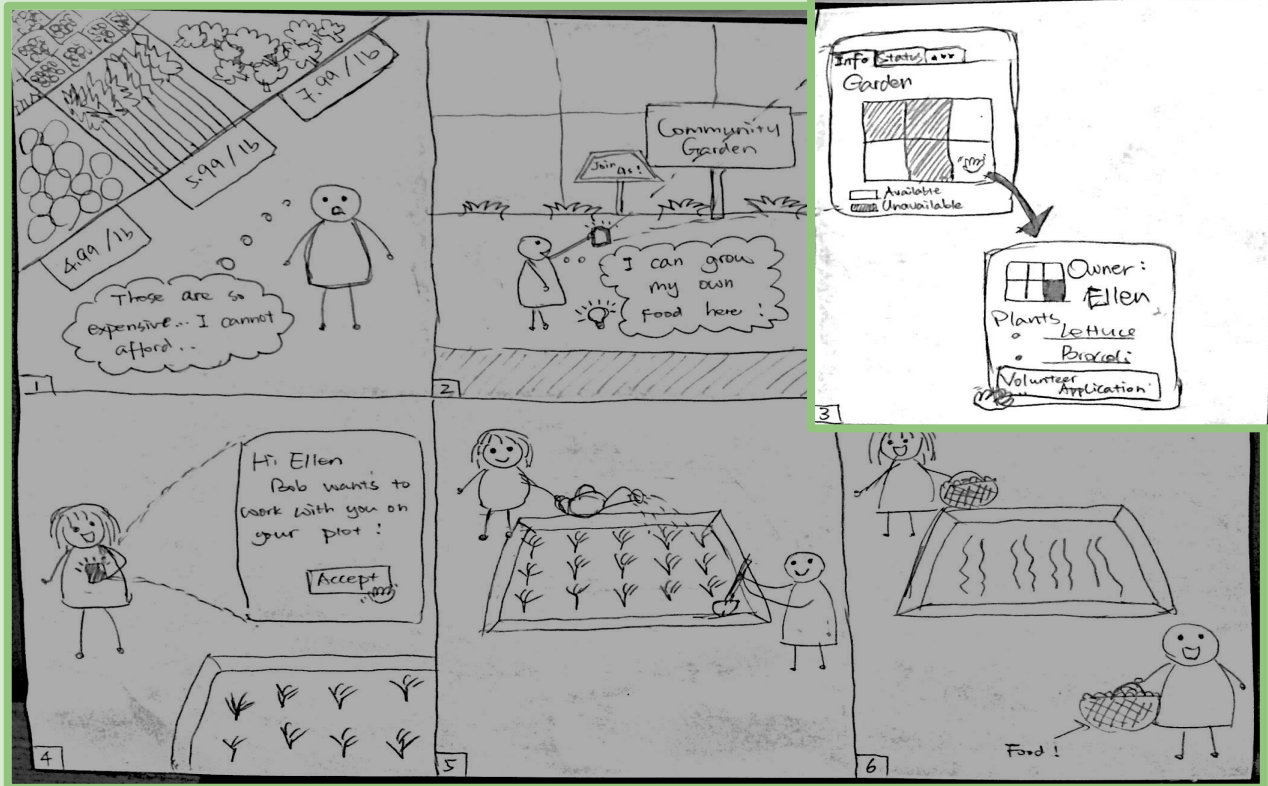
# Storyboard 2

## Volunteer Application



# Storyboard 2

## Volunteer Application



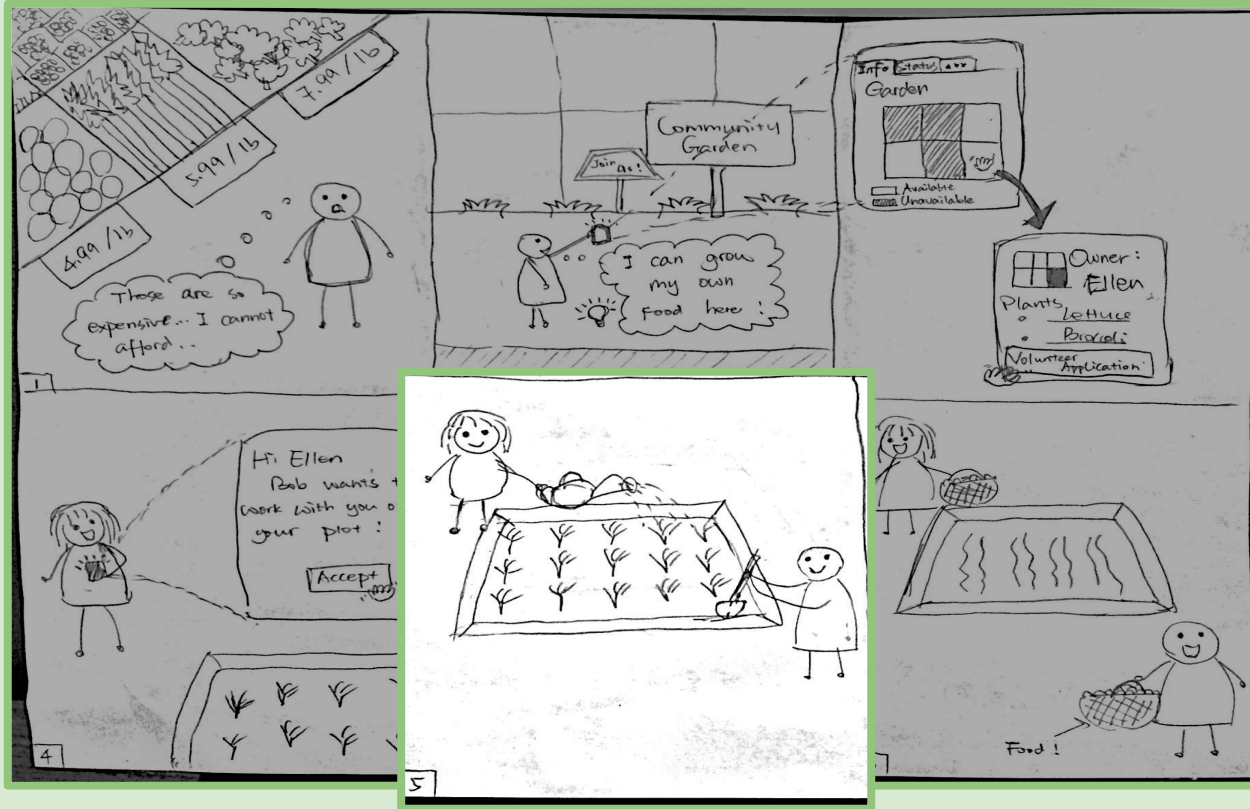
# Storyboard 2

## Volunteer Application



# Storyboard 2

## Volunteer Application



# Storyboard 2

## Volunteer Application





# Summary

Communication streamlines idea formation

Design process is never finished

Be open to alternate platforms

Have fun!



FOR ALL