

PRYM

Group 1

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Vision Statement

PRYM is a web app that connects those who want to purchase a portion of the meat of a cow (a process called “cow sharing”). Currently, those interested in purchasing a portion of a cow with no group have to go out and find people to share with on their own; addressing this issue, PRYM is designed to be an easily accessible system that brings together communities of people and allows them to match together for cow sharing.

This system is designed for use by both people who would like to buy portions of cows (the buyer), and the farmers who are selling them. The buyer will use this app to connect with other buyers to share a cow with, and to then decide with their group their individual cuts of the animal. The seller (farmers) will use this as a platform to showcase their farms and connect with buyers.

It will allow buyers to sign up with a buyers account, and then create a profile based on their preferences for buying (what sort of cuts they want, if they want grass-fed or pasture-raised cows, how much meat they want, etc.). They will then be matched with the groups that best fit their criteria, and allowed to review them and choose their favourite. They will also have the ability to leave a group and change to a new one and if they feel their current group does not fit them, they may choose from the page again. They can also change their profile at any time, after which they can be shown groups that fit with their new criteria.

After finding a group, users will be put into a group chat where they can easily communicate with each other to decide on how to share the cow. Once the group has come to a decision, they will then be able to look at a page of farms that best align with the group’s preferences. After reviewing the farms among themselves, they will be able to select a farm and be connected with them. Farms will be able to sign in with a sellers =account that allows them to create a sellers profile. This will contain information about things like general farm information and location, cattle type, cattle feeding method, prices, contact information, etc. This information will then be made into a page and added to a space where buyers can browse through them.

Currently, many people interested in cow share do not have groups to share with, and finding a group can be difficult (having to first find people, then agree on amounts everyone wants, finding people who match well with your needs). This discourages many people from doing a cow share, despite their want. PRYM allows individuals to sign up and easily find a well matched group of people where everyone can buy based on their preferences and reduce compromise. As needs change for users, they can also easily find new groups of people who fit their new preferences. This is a significant improvement from word-of-mouth procedures, and should make cow sharing much more accessible to those interested.

This system will be considered a success if farmers report an increase in buyers for cow shares, showing whether PRYM has made purchasing cow shares easier and more accessible. Another metric of success will be whether users report

satisfaction with the technology and consider it to have improved their cow sharing experience.

Big User story 1

Account & Profile system (both for sellers and buyers)	
As a buyer/seller, I need to be able to create my account and manage my preferences in order to buy/sell cows based on my choices.	
Priority: High	Cost: 7 days

Associated Minor User Stories

Buyer account creation	
As a buyer, I want to be able to create an account.	
Priority: High	Cost: 1 days
ITR1	Member: Shayan Sufyan

Buyer/seller login	
As a buyer/seller, I want to be able to login to my account.	
Priority: High	Cost: 1.5 days
ITR1	Member: Sufyan

Buyer profile modification	
As a buyer, I want to be able to make changes in my profile to set preferences.	
Priority: Medium	Cost: 1 days
ITR1	Member: Shayan

Seller account creation	
As a seller, I should be able to create a farm account.	
Priority: High	Cost: 1 days
ITR1	Member: Harleen Sufyan

Seller profile modification	
As a seller, I need to be able to modify my profile.	
Priority: Medium	Cost: 1 days
ITR1	Member: Harleen

General user profile modification	
As a user, I want to be able to make changes in my profile to change name and phone number.	
Priority: Medium	Cost: 0.5 days
ITR2	Member: Shayan

Farm listings	
As a seller, I should be able to use my account to add and update farm listings, available shares, and farm offers to attract more customers.	
Priority: High	Cost: 1.5 days
ITR1 & ITR2	Member: Katelyn

Big User story 2

Group matching system	
As a buyer, I want to be able to find and connect with groups that match my preferences for quantity, dietary, etc.	
Priority: High	Cost: 7 days

Associated Minor User Stories

Show groups with matching preferences	
As a buyer, I should be able to see the list of groups matching with their likings.	
Priority: High	Cost: 2 days

ITR2	Member: Jacob
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Join/leave a group	
As a buyer, I want to be able to join/leave a group whenever I want.	
Priority: High	Cost: 0.5 days
ITR2	Member: Jacob

Search for a group	
As a buyer, I should be able to search for groups with particular preferences.	
Priority: High	Cost: 1.5 days
ITR2	Member: Shayan

View group details	
As a buyer, I need to be able to see group details before joining a group.	
Priority: High	Cost: 1 days
ITR1 ITR2	Member: Jacob

Create a group	
As a buyer, I want to be able to create my own group.	
Priority: Medium	Cost: 1.5 days
ITR1 ITR2	Member: Jacob

Invite friends to group	
As a group owner, I should be allowed to invite my friends to the group.	
Priority: Medium	Cost: 0.5 days
ITR2	Member: Jacob

Big User story 3

Farm search & comparison

As a buyer, I need to be able to search and compare farms (with filters like location, cost, ratings etc.) to find the best choice for the group.

Priority: High

Cost: 8 days

Associated Minor User Stories

Show farms

As a group, we should be able to see the list of farms based on the group's preferences.

Priority: High

Cost: 2 day

ITR2

Member: Katelyn

View farm listings

As a buyer, I want to view farm listings about the available options.

Priority: High

Cost: 1.5 day

ITR2

Member: Katelyn

View farm details and ratings

As a buyer, I should be able to view a farm's details and ratings before buying a share.

Priority: Medium

Cost: 1 day

ITR2

Member: Katelyn

Compare farms

as a buyer, I need to compare farms before choosing one

Priority: Low

Cost: 2 day

ITR2 ITR3

Member: Katelyn

Save/bookmark farms

As a buyer, I wish to save/bookmark farms that I'm interested in.

Priority: Medium	Cost: 0.5 day
ITR2	Member: Katelyn

Submit a rating

As a buyer, I wish to submit a rating to a farm I bought from.

Priority: High	Cost: 1 day
ITR2	Member: Harleen

Big User story 4

Cow share management & Communication between buyers and sellers

As a buyer, I need to be able to search and compare farms (with filters like location, cost, ratings etc.) to find the best choice for the group.

Priority: High	Cost: 5 days
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Associated Minor User Stories

Group chat with group members

As a buyer, I want to have a group chat to communicate with my group members.

Priority: High	Cost: 1.5 day
ITR1 ITR2	Member: Sufyan

Manage group chat settings

As a group member, I need to be able to manage group chat settings.

Priority: Medium	Cost: 1 day
ITR2	Member: Sufyan

Communication with farms

As a member of a group, I should be able to communicate with a farm after finalizing the farm as my dealer.

Priority: High	Cost: 1 day
ITR2	Member: Sufyan

Final contract

As a group member, I should be able to sign the contract after discussing and finalizing the shares.

Priority: High	Cost: 1 day
ITR3	Member: Sufyan

View agreement details

As a group member, I should be able to view agreement details.

Priority: High	Cost: 0.5 day
ITR3	Member: Sufyan

Key plan changes:

- We changed some responsibilities around since it was easier for example to have the person who setup the database also do the signup and login, however everyone kept the same load.
- One design decision we made was that we will have common user functionality stay together on one page and buyer/seller specific functionality be on other pages. This makes it easier to manage the program
- The previous point made us add a new user story to be implemented in ITR2
- Other than that everything is going well and we are getting stuff done on time.