

Assignment Name: Problem Statement  
Group Name: The Real Cock Commanders

Team Members who contributed:

First Name	Last Name	Email
Kyle	Long	longkyle12@gmail.com
Alana	Mireles	alanamireles9502@gmail.com
Robert	Reed	robertcreed221@gmail.com
Jacob	Crowe	j.crowe129@gmail.com
Will	Tate	whtate.ce@gmail.com

## Pricing

Users can enter item they need and an expected price will show up

Enter income and quality of food wanted

Create custom prices for items not found

will show deals and sales around town

will offer different brands to compare prices

## Health

Offer healthier alternatives to products chosen

Keep track of macros

Different options for different people: Losing weight, clean vs dirty bulking, etc.

Diet plans: include keto, atkins, etc.

Vegan, vegetarian, gluten-free, allergies

## Portioning

Options for different number of people

Measurements

Meal prep meals

User can enter item that is not completely used and different recipe will show that uses it

number of certain foods in certain food groups (fruits, vegetables, etc.)

## Location

Checks stock of items at different grocery stores

inputting your location (zip code, state and city, etc.) to locate stores near you

Show a map of all stores near you along with the best deals or prices in them

alerts you when stores you shop at are having deals

## History

Keeps track of weekly spending

Given previous user history, sets limits on food spending

If user prompted, adds items to list on weekly basis

can give recommendations on products similar to what they have bought before

shows when you have gone over budget in bold when looking back at past spending

## Budgeting

Can allocate certain amounts of money to different things

recommending certain stores and brands that fit within the budget

Partner with farmers markets for better food prices

Partner with thrift stores to develop used market

## Profit

Can have a premium version of the app

In app purchases to remove adds

Bar code scanner locked behind paywall

Banner adds can play at the bottom

Full screen adds play after adding an item

## Scanner

Can scan the barcode and find pricing

Use AI to identify the item from a camera

Weight the item by using the average weight by size for vegetables and other food items

## Discounts

Offer notifications when items go on sale

Partner with retailers in order to offer deals to customers

Add items to a wishlist and notify users when they go on sale

Offer stores the ability to offer exclusive coupons only given to users of the app

## Retention

Offer deals at end of quarters, like 10% at certain stores

Offer monthly and yearly membership

Offer incentives for using app regularly

If user shares with friends, both the user and the friends get a reward

bring in new users with a small discount on first order