User Stories:

As a <type of user>, I want <some goal> so that <reason>.

1. (34) As an end user, I want to coordinate shopping lists with my friends and roommates so that everybody gets what they want and pays the correct price.
2. (3) As a college student, I want to see the item's price before adding it to a list, in order to save money.
3. (1) As a college student, I want to know the price of my shopping cart so that I have an idea of how much I will be spending.
4. (2) As a college student, I want to be able to set a budget for my shopping so that I don't spend more than I have.
5. (8) As a social media connoisseur, I would like to be able to interact with my friends and invite them to my shopping lists using popular social media apps like Facebook, Twitter, etc. so that I don't have to search for them manually.
6. (5) As a seasoned shopper, I want to compile my multiple lists from different stores in a single cart so that I can see the total price of my entire shopping cart.
7. (5) As a member of a group, I would like to have the ability to add my shopping-mates to the cart so that one person doesn't have to compile everyone's desires.
8. (8) As a member of a group, I would like to be able to transfer money to the shopper using a popular payment method (like venmo/cash app) so that it is convenient and saves time.
9. (0) As a student, I want to have one person in the house go shopping for everyone else in the house in order to save time.
10. (13) As a shopper, I would like to be able to notify my friends that an item in their shopping list is unavailable and allow them to select a substitute.
11. (0) As a forgetful person, I would like to add items to a list on the fly so that I don't end up with 0 of those items.
12. (1) As a forgetful person, I would like to be able to view my past shopping lists so that I don't forget anything.
13. (8) As a shopper I would like to be able to compare prices between outlets so that I can get the best deal possible.
14. (13) As a shopper, I want to be able to be notified if an item goes on sale so that I know when the best time to get things is.
15. (2) As a user, I would like a clean and easy interface to use without ads!
16. ~~(?) If this app gets big i would like to make a subscription.~~

Release Plan Outline:

1. Infrastructure (what we need to learn/setup for the project)
2. User Stories (what we do during the development process)
3. Spikes (learning infrastructure {APIs, databases})
4. External stresses (crunch times, timing conflicts such as exams and STDs, etc.)
5. Generalize each sprint (what we plan to do for each one)

Categorization

Obviously, there are multiple ways to categorize the user stories. We could do it by what people want from the app (social media aspect, convenience, saving money, .etc) or the type of person the user is (students, non-students, elderly, .etc), but I did the former:

Social Media	Convenience	Money Saving
	1. (34) As an end user, I want to coordinate shopping lists with my friends and roommates so that everybody gets what they want and pays the correct price.	
		2. (3) As a college student, I want to see the item's price before adding it to a list, in order to save money.
		3. (1) As a college student, I want to know the price of my shopping cart so that I have an idea of how much I will be spending.
	4. (2) As a college student, I want to be able to set a budget for my shopping so that I don't spend more than I have.	
5. (8) As a social media connoisseur, I would like to be able to interact with my friends and invite them to my shopping lists using popular social media apps like Facebook, Twitter, etc. so that I don't have to search for them manually.		
	6. (5) As a seasoned shopper, I want to compile my multiple lists from different stores in a single cart so that I can see the total price of my entire shopping cart.	

	7. (5) As a member of a group, I would like to have the ability to add my shopping-mates to the cart so that one person doesn't have to compile everyone's desires.	
8. (8) As a member of a group, I would like to be able to transfer money to the shopper using a popular payment method (like venmo/cash app) so that it is convenient and saves time.		
	9. (0) As a student, I want to have one person in the house go shopping for everyone else in the house in order to save time.	
	10. (13) As a shopper, I would like to be able to notify my friends that an item in their shopping list is unavailable and allow them to select a substitute.	
	11. (0) As a forgetful person, I would like to add items to a list on the fly so that I don't end up with 0 of those items.	
	12. (1) As a forgetful person, I would like to be able to view my past shopping lists so that I don't forget anything.	
	13. (8) As a shopper I would like to be able to compare prices between outlets so that I can get the best deal possible.	
		14. (13) As a shopper, I want to be able to be notified if an item goes on sale so that I know when the best time to get things is.
	15. (2) As a user, I would like a clean and easy interface to use without ads!	

Release Plan

Sprint #	Contents	Values

S1	Firebase (0) Learn Flutter(0) 15. (2) As a user, I would like a clean and easy interface to use without ads! 12. (1) As a forgetful person, I would like to be able to view my past shopping lists so that I don't forget anything. 3. (1) As a college student, I want to know the price of my shopping cart so that I have an idea of how much I will be spending.	4
S2	External Stressors: Midterms Social Media Venmo API 2. (3) As a college student, I want to see the item's price before adding it to a list, in order to save money. 16. (8) As a user, I would like to be able to create an account on the app in order to save my progress wherever I go on any device, and protect my information. 11. (1) As a forgetful person, I would like to add items to a list on the fly so that I don't end up with 0 of those items. 4.(2) As a college student, I want to be able to set a budget for my shopping so that I don't spend more than I have.	14
S3	5. (8) As a social media connoisseur, I would like to be able to interact with my friends and invite them to my shopping lists using popular social. 7. (5) As a member of a group, I would like to have the ability to add my shopping-mates to the cart so that one person doesn't have to compile everyone's desires. 8. (8) As a member of a group, I would like to be able to transfer money to the shopper using a popular payment method (like venmo/cash app).	21
S4	External Stressors: Finals 9. (1) As a student, I want to have one person in the house go shopping for everyone else in the house in order to save time. 6. (5) As a seasoned shopper, I want to compile my multiple lists from different stores in a single cart so that I can see the total price of my entire shopping cart.	6

Backlog: 10, 13, 14.

10. (13) As a shopper, I would like to be able to notify my friends that an item in their shopping list is unavailable and allow them to select a substitute.

13. (8) As a shopper I would like to be able to compare prices between outlets so that I can get the best deal possible.

14. (13) As a shopper, I want to be able to be notified if an item goes on sale so that I know when the best time to get things is.