

**Sprint Starts 10/21/19**

**Sprint Ends 11/3/19**

# Sprint Plan: Sprint 2

External Stressors: Midterms:

- Midterm for CSE 115 (2 hours)

Assignments:

- CSE 130 Assignment 1 (10 hours)

Login API:

- Google
  - Learn how to implement Google login (3 hours)

Payment API:

- Payment
  - Learn how to implement payments through firebase (5 hours)

1. (3) As a college student, I want to see the item's price before adding it to a list, in order to save money.
  - Setting up scraping bot (~4 hours)
  - Scrape data from stores (1 hours)
  - Store data in database (1 hours)
  - Be able to get data from database and display in app (2 hours)
  - Be able to add and remove items from the list (1 hours)
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2. (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.
  - Make a sign up button on the UI &
  - Make a sign up page for the user. (2 hours)
  - Allow a user to actually log in from the log-in screen
    - i. Set up a place in the database for user information (2 hours)
      - 1. Format form into desired format. (2 hours)
  - If user isn't in the database, send "wrong password" or whatever. (1 hours)
    - i. Check input data vs. data on database.
3. (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.
  - Set up format for lists (1 hours)
  - Saving list to the database in order to be (2 hours)
    - 1. able to be accessed from anywhere
  - In pre-existing lists you can add an item to the database (1 hours)
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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.
  - Setup budget input (1 hours)
  - Complete finding total so we can compare to budget (2 hours)
  - Display something on screen when the user (1 hours)
    - 1. has gone over budget
  - ii. Warning of budget overflow

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- Backlog:
  - Display total on the List Settings Screen
    - As a forgetful person, I would like to be able to view my past shopping lists so that I don't forget anything.
  - Prototype list of items (5 hours)
  - Archive for old lists (functional) (2 hour)
  - Delete a list from the archive (2 hour)
  - Naming Lists (1 hours)
- 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.
  - Add up the totals of all elements in the list and display that total at the bottom of the list (2 hours)
- (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.
  - Restrict user from adding items to cart
    - Big Wack