Sprint 2 Plan Revision 1:
> KITT
> The KITT Kats
> Sprint Completion Date: 3 November 2019
> Revision 1, 10/20/19

Goal:
- One of the goals for this sprint will be to continue to familiarize ourselves with sqlite to create a local database, as well as android studio.
- Other goals for this sprint include being able to manually input food items and expiration dates to keep track of what the user has and know when it will expire, and implement a calendar so the users can see on what days their food will expire.
- The user will be able to receive notifications before their food expires.
- The user will see a list of their food, organized in cards, upon opening the app and clicking through to the home page.

Task list, organized by user story:
- PRIORITY: User Story #1: (8 points) As a user, I want to be able to manually input a food item and give it an expiration date so that I can keep track of what I have and when it will expire
  - Put item information from one activity on to listview activity - Gabriella
  - Be able to add multiple items without overwriting previously added ones - Gabriella
  - Implement picker for expiration dates - Devi
  - Implement SQLite - Young
  - Merging Devi and Gabriella's code - Nikhil
  - Testing / trying to break User Story 1 - Tongze
    - WHEN IT IS CONSIDERED DONE:
      - Click add button to input item info
      - Picker implemented
      - Item info shows on list_view, including exp date
      - Able to add multiple items without being overwritten
      - Merge both aspects of this story and upload to git
      - Testing completed, no errors or missing cases
- User Story #2: (5 points) As a user I want to be able to use a calendar so that I can see on what days my food will expire.
  - Implement Calendar
  - Make sure days where food is expiring are marked
  - Make sure user can see what item is expiring on selected day

- WHEN IT IS CONSIDERED READY TO BE WORKED ON:
  - User Story #1 is completed.
- WHEN IT IS CONSIDERED DONE:
  - When there is a calendar view and you can see on what days the food is expiring
  - Merge both aspects of this story and upload to git
  - Tested with no errors or missing cases
- User Story #3: (5 points) As a user I want to receive notifications so that I won't forget what food I have and when it's going to expire
  - Reminders / notifications
  - Very basic UI
    - WHEN IT IS CONSIDERED READY TO BE WORKED ON:
      - User Story #1 is completed.
    - WHEN IT IS CONSIDERED DONE:
      - When the user receives notifications based on the expiration dates inputted
      - Merge both aspects of this story and upload to git
      - Tested with no errors or missing cases
- User Story #4: (13 points) As a user, I want my home page and calendar pages to look nice so that it will be visually pleasing
  - Card view for item list by
  - Overall layout improvements
    - WHEN IT IS CONSIDERED READY TO BE WORKED ON:
      - User Story #1 is completed.
    - WHEN IT IS CONSIDERED DONE:
      - When the card view is implemented
      - When the overall layout/look is looking nice
      - Merge both aspects of this story and upload to git
      - Tested with no errors or missing cases
- *SPIKE Database (not local)
  - Figure out who will be working on the database
  - How we should implement that for the master of individual foods (ie groceries) and another for user specific
  - Implement basic local sqlite db for PoC.

Team roles: Devi Manivannan - Product Owner
Gabriella Millican - Scrum Master
Young Choe -Team Member
Nikhil Punathil - Team Member

Tongze Wang - Team Member

Initial Task Assignment:

Young:
- Implement SQLite

Nikhil:
- Merging Devi and Gabriella's code

Tongze:
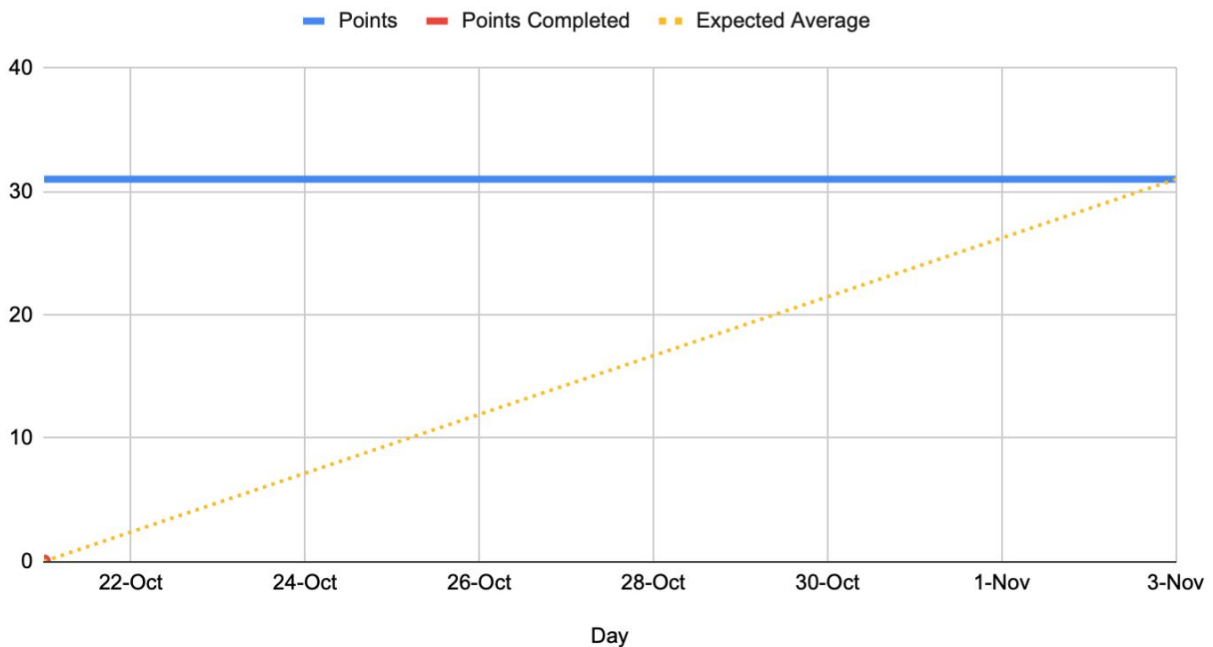- Testing / trying to break User Story 1

Gabriella:
- Put item information from one activity on to listview activity
- Be able to add multiple items without overwriting previously added ones
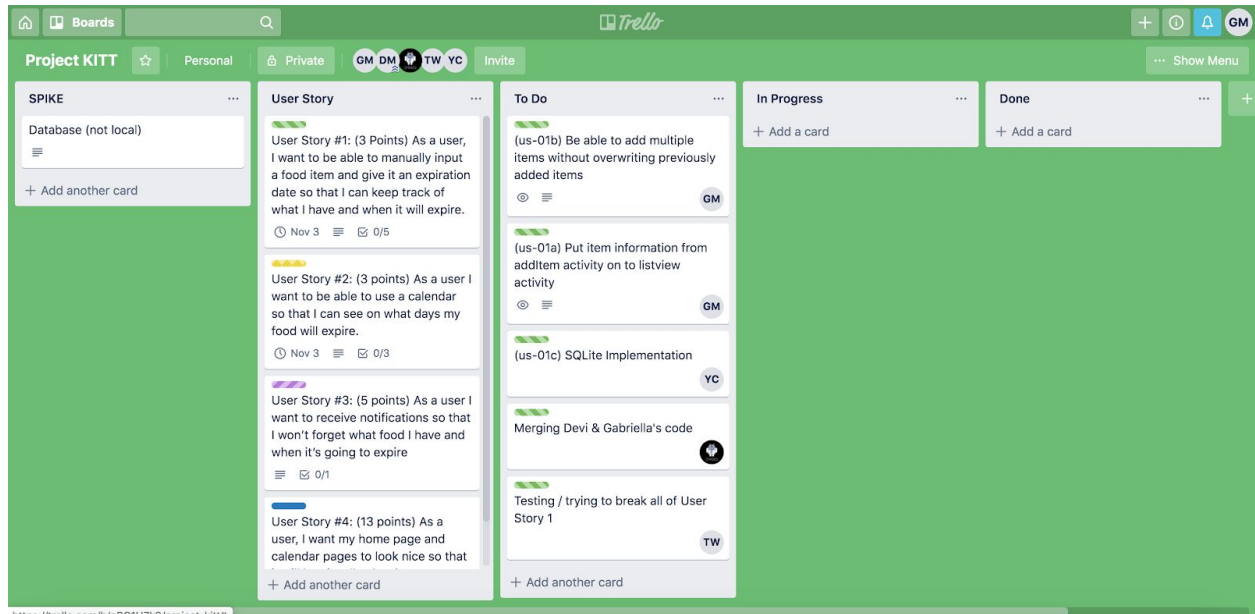
Devi:
- Implement picker for expiration dates

Initial Burnup Chart:

Team KITT - Sprint 2 Burnup Chart

Initial Scrum Board:
*Cards of the same color belong to the same User Story

Scrum times:
Monday 10AM-11AM
Thursday 8PM
Saturday 2PM
Backup: Friday 6PM

Backlog (to be moved to Sprint 3)
- *SPIKE FLOWCHART
  - How we will determine expiration based on whether its frozen, fridged, cooked