Team Fermented Agave Juice
Final Project Proposal:

A personal weekly schedule creator that restarts automatically every Saturday. The user will be able to add, remove, and push tasks and events to any day of the week. The user will also be able to organize their tasks by priority. Notifications for due dates and important events will appear in the form of a visual cue while the program is active. The goal is to create a user friendly interface that will run in the terminal.

Our project will utilize the object oriented paradigm by making a driver class that will instantiate the class day. Class day will have its own collection of events and tasks. Each event and task will be an object with its own attributes such as time and completion status. The notifications for tasks and events will use the priority queue data structure.

Classes:

- Driver
    - Keeps track of which day and what time it is currently
    - Imports keyboard
    - Methods:
        - restartWeek()
            - 7 instantiations of day
        - beginWeek()
            - Asks the user what they would like to do
        - printWeek()
- Day
    - Instance Variables:
        - - priorityQueue _tasks
        - - priorityQueue _events
    - Methods:
        - + void addTask(String name, String description)
        - + void addEvent(String name, String description)
        - + void addTask(String name, String description, int time)
        - + void addEvent(String name, String Description, int time)
        - + void removeTask(Task x);
        - + void removeEvent(Event x);
        - + void pushTask(Task x,);
        - + void pushEvent();
        - + void printDay();
            - Prints out events for the day first and then all the tasks
- Task/Events

- Instance Variables
  - - String description
  - - int time
- Methods
  - + void notify()