**Habits**

US 01.01.01

As a doer, I want to add a habit, giving it a brief title, reason, and date to start.

As a user, a Habit when added should get a title, reason and start date.

Size: 8

Risk: Low

US 01.02.01

As a doer, I want a habit to have a plan for what days of the week it should regularly occur.

As a user, The habit should have a chosen set of days during the week for when it should occur.

Size: 8

Risk: Low

US 01.03.01

As a doer, I want to view a given habit and its details.

A a user, The details of the habit should be viewable

Size: 7

Risk: Low

US 01.04.01

As a doer, I want to edit the details of a habit of mine.

As a user, The details of the habit should be editable after I create it

Size: 4

Risk: Medium

US 01.05.01

As a doer, I want to delete a habit of mine.

As a user, My habits should be deletable

Size: 7

Risk: Low

US 01.06.01

As a doer, I want a habit title to be up to 20 characters and habit reason to be up to 30 characters.

As a user, the title and the reason for a habit should have a maximum limit of 20 and 30 characters respectively.

Size: 5

Risk: Medium

US 01.07.01

As a doer, I want to see what habits I need to do today.

As a user, I want to see scheduled habits for today.

Size: 7

Risk: Low

US 01.08.01

As a doer, I want to see a list of all my habits.

As a user, I should be able to see a list of all my habits.

Size: 4

Risk: Low

US 01.09.01

As a doer, I want for each habit on the list, a visual indicator to show how closely I am following its plan over time.

As a user, There should be some sort of visual identifier showing me how well I am doing following my habits.

Size: 3

Risk: High

**Habit Events**

US 02.01.01

As a doer, I want to denote a habit event when I have done a habit as planned.

As a user, I want to be able to record the completion of the planned habit as a Habit Event.

Size: 8

Risk: Medium

US 02.02.01

As a doer, I want a habit event to have an optional comment of up to 20 characters.

As a user, My habit events should allow for a optional comment of maximum limit of 20 characters or less

Size: 2

Risk: Medium

US 02.03.01

As a doer, I want a habit event to have an optional photograph to record what happened.

As a user, My habit events Should allow for an optional picture that can be added to show what has occured

Size: 1

Risk: High

US 02.04.01

As a doer, I want to view a given habit event and all its available details.

As a user, any habit event and its available details should be accessible to me.

Size: 6

Risk: Lo

US 02.05.01

As a doer, I want to edit the details of a habit event of mine.

As a user, I should be able to edit the details of my Habit Events

Size: 5

Risk: Medium

US 02.06.01

As a doer, I want to delete a habit of mine.

As a user, I should be able to delete my Habit Events.

Size: 5

Risk: Low

**Profile**

US 03.01.01

As a doer, I want to be uniquely identifiable in the system.

As a user, I should be having a unique identity for identification purposes in the system.

Size: 6

Risk: Medium

**Habit Following and Sharing**

US 05.01.01

As a doer, I want to ask another doer to follow all their habits.

As a user, I should be able to ask to follow other users and their habits

Size: 4

Risk: High

US 05.02.01

As a doer, I want to grant or deny another doer permission to follow all my habits.

As a user, I should be able to allow or not allow people to follow me and my habits upon request.

Size: 4

Risk: Medium

US 05.03.01

As a doer, I want to view the habits and visual indicators of the other doers I am granted to follow.

As a user, I should be able to view: the habits, visual indicators of the other users I follow.

Size: 4

Risk: Medium

**Geolocation and Maps**

US 06.01.01

As a doer, I want a habit event to have an optional location to record where it happened.

As a user, I want to be able to optionally mark down the location of where my Habit Event occurred.

Size: 2

Risk: Hard

Part 3:

Class:

* Responsibility of the class
* Attributes
* Methods
* Collaborators

Habit:

* Responsibilities:
  + Attributes:
    - Title (20 Characters)
    - Reason(30 characters)
    - Date to start
    - List of HabitEvents
    - Weekly Schedule of a habit (Days of the week)
  + Methods:
    - Edit details
    - Details are viewable of a specified habit
    - Has visual indicators to show how they are keep up with the habit
    - Interacts with visual indicators
    - Given a day, tell if a habit is scheduled on that day (True/False)
    - Get the list of all the HabitEvents related to this habit
* Collaborators:
* HabitEvents
* Profiles
* Visual Indicator

HabitEvents:

* Responsibilities
  + Attributes:
    - Habit
    - Date
    - HabbitOccurrence
    - (Optional) Photo
    - (Optional) Comment
    - (Optional) Map location
  + Methods:
    - View event details
    - Edit
    - Share event on Profile
* Collaborators:
  + Habit
  + Profile

Profile:

* Responsibilities:
  + Attributes:
  + Username (Required: Used as the unique identifier for a profile)
* Name
* Age (optional)
* Date started
* List of Habits
* Following: A List of Profiles
* Followers: A List of Profiles
  + Methods:
    - Add the habit
    - Edit the habit details
    - Share a HabitEvent
    - Make a Habit public or private
    - Delete the habit
    - Request or add a follower
    - Get/give access to all the habits of this profile
* Collaborators:
  + Habit
  + HabitEvent

Visual indicator:

* Responsibilities:
  + Attributes:
    - Habit
    - WellnessPercentage
    - List of habit events
  + Methods:
    - Formulate a wellnessPercentage from a list of habit events of a particular habit
* Collaborators:
  + Habits → give us the habit events used to calculate the percentage

**Questions For lab:**

* What is the size in story points?
* Double check our GitHub use and organization.
* Ask about additional classes for CRC’s