

# **Sprint 3 Plan - SlugDex**

**Sprint Completion: 11/15/2022**

**Team Name: The Slug Surveyors**

**Current Revision: V0.75**

**Revision Date: 11/2/2022**

## **Goal:**

The main goals of Sprint 3 are implementing database/user authentication (with Firebase), showing user progress, creating gamified user app experience, and finalizing art and UI elements.

## **User Stories and Tasks:**

### **Story 1: Implement a Database with Firebase**

Description: As a player, even if I lose/break my device I still want to maintain my progress.

Tasks:

- A database should be created to store all entry data.
  - 5
- The database should allow queries to add, update, and delete entries
  - 3
- Integrate google sign in so that each user's data is secured and can be accessed by their authentication
  - 8

### **Story 2: Show User Progress**

Description: As a user, I would like to see my user progress so that I can compare and compete with my friends.

Tasks:

- Store user progress in database
  - 3
- Update discovery statistics in database
  - 5
- Implement a leaderboard and user ranking
  - 5
- Implement entry rarity based on discovery statistics
  - 2

### **Story 3: Create a Login/Account System**

Description: As a user, I would like an intuitive login system and interface as well a way to customize the app to my liking.

Tasks:

- Make a login/launch screen
  - 7
- Make a Loading screen (with background art)
  - 5
- Make a Settings Screen
  - 10
- Make a user profile floating button
  - 1

### **Story 4: Finalize App Art and UI elements**

Description: As a user, I would like art and UI elements for the app, so that I find the interface more appealing.

Tasks:

- Integrate final images for each entry
  - 3
- Make/Commission Stylized Map Overlay
  - 8
- Make and Implement App Icon/Logo
  - 5
- Make discovering things a process with cool animations
  - 13

### **Backlog: Allow users to store their own locations**

Description: As a player, I want to save my own custom locations so that I can keep track of places I discovered and share them with my friends.

Tasks:

- Need interface to show user's locations
  - 8
- Pull user coordinates and let them add it to a list
  - 5
- Load list(s) of locations that the user has already made
  - 8

## **Team roles:**

Troy: Developer

- Story 1: Finalize App Art
- Story 3: Show User Progress
- Story 4: Create Expected App Experience

Kyle: Product Owner, Developer

- Story 1: Finalize App Art
- Story 3: Show User Progress
- Story 4: Create Expected App Experience

Bayley: Developer

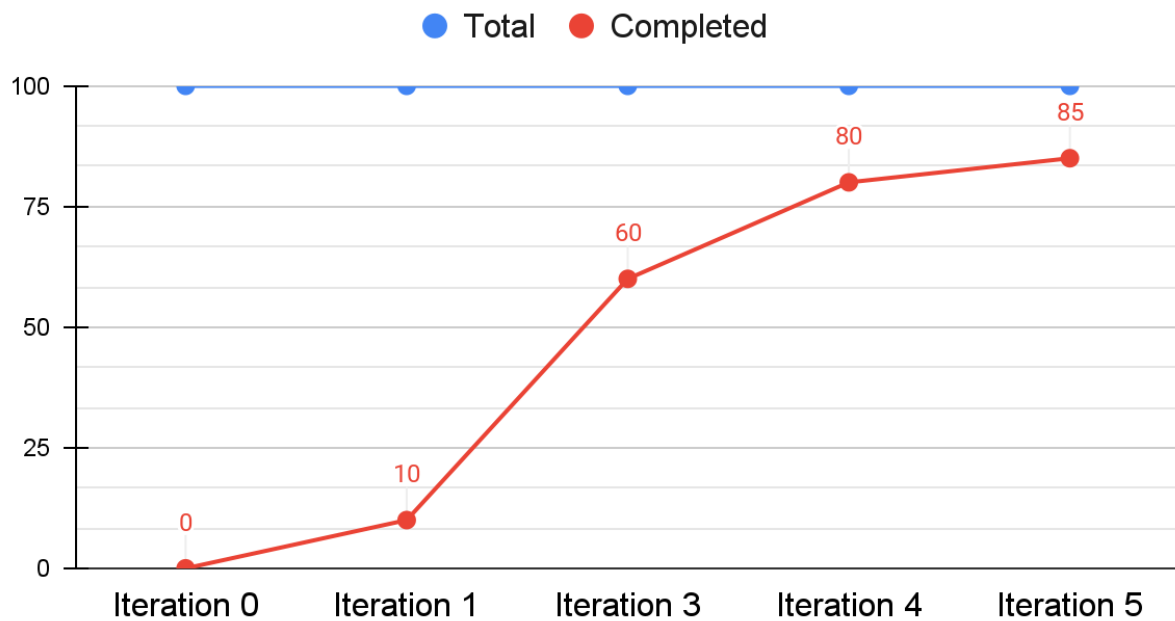
- Story 2: Implement a Database with Firebase
- Story 3: Show user Progress

Jon: Scrum Bag, Developer

- Story 2: Implement a Database with Firebase
- Story 3: Show user Progress

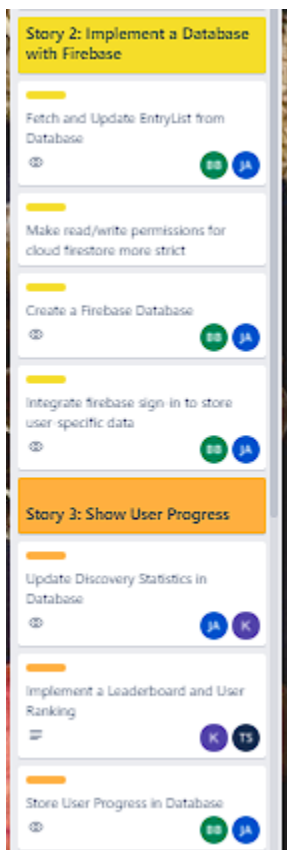
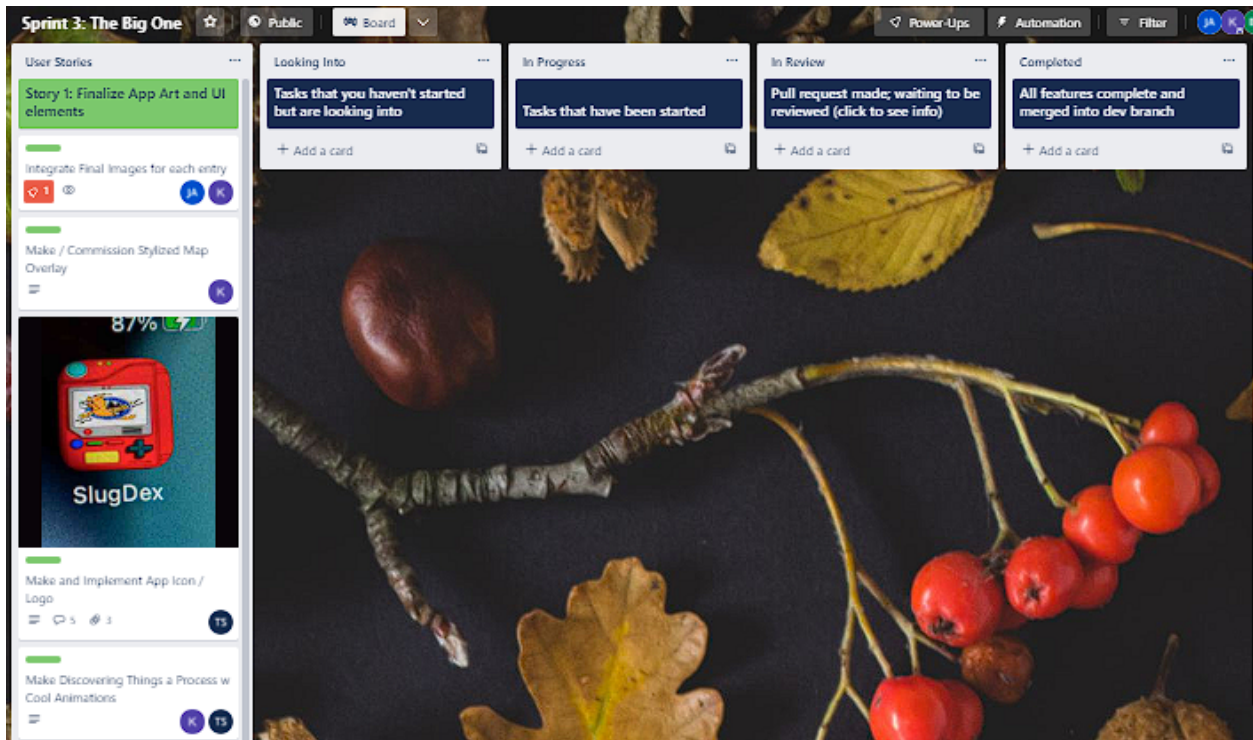
## Initial burnup chart:

### Burnup Chart



## Initial scrum board:

### Sprint 3 Trello

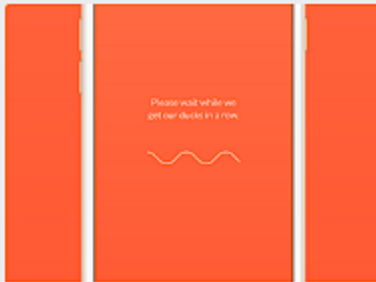


Implement Entry Rarity based on  
Discovery Statistics



#### Story 4: Create Expected App Experience

Implement User Profile and edit page



Make a Loading Screen



Make a Settings Screen



Make A Login / Launch Screen



Make a User Profile Floating Button



+ Add a card



**Scrum times:**

- Monday: 9:30-9:45am, TA Meeting 4-5pm
- Wednesday: 9:30-9:45am
- Friday: 9:30-9:45am