



# WordBuds

## **Sprint Planning Document (Sprint 2)**

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## **Sprint 1 Achievements:**

1. Establish UI theme and make initial improvements
2. Fix N+1 stats page query
3. Add survey page
4. Analyze codebase and set up environment
5. Add basic test suite
6. Review TestFlight requirements
7. Analyze data efficiency issues

## **Sprint 2 Goals:**

1. Two factor authentication
2. Further UI/UX Improvements
3. Researcher page query efficiency fixes
4. Review app store requirements
5. Push notifications
6. Database and code cleanup and improvements
7. Set up Testflight closed beta
8. Word entry system testing & overhaul
9. Addition of word bank for enhanced statistics
10. CITI Training

# **Sprint 2 Planning**

## **Sprint 2 Goal:**

A primary goal for Sprint 2 is to set up a closed beta for our sponsor to begin demonstrating the app to potential users and gaining feedback. To accomplish this, the app must meet both the requirements for Apple's TestFlight beta system and the IRB's requirements for research studies. Other goals include improving the word processing and analytics system and continuing to improve the appearance of the app, efficiency, and the user experience for both parents and researchers.

## **Sprint 2 Deliverables:**

1. Two factor authentication
2. Further UI/UX Improvements
3. Researcher page query efficiency fixes
4. Push notifications
5. Set up Testflight closed beta
6. Word entry system testing & overhaul
7. Addition of word bank for enhanced statistics

## 8. CITI Training

# **Sprint 2 Deliverables Detailed:**

## **1. Authentication Improvements/Two Factor Authentication**

- **Assigned:** Chase
- **Description:**
  - Implementation of 2FA using SMS
  - Authentication and users refactor to improve security

## **2. Further UI Improvements**

- **Assigned:** Joe
- **Description:**
  - Apply consistent theming to all parent-accessible pages
  - Overall UI improvements

## **3. Researcher Portal Improvements**

- **Assigned:** Caitlin
- **Description:**
  - Fixes to researcher portal including display errors and efficiency improvements
  - Apply more consistent theming to researcher page

## **4. Push Notifications**

- **Assigned:** Zimuzo
- **Description:**
  - Addition of push notifications to improve user engagement

## **5. Word Entry/Processing System Improvements**

- **Assigned:** Chase
- **Description:**
  - Switch word processing from current API to use Python Natural Language Tool Kit for improved data and reliability

## **6. Addition of Word Bank and Logic For Improved Statistics**

- **Assigned:** Nick
- **Description:**
  - Addition of Stanford Wordbank dataset for current and future improvements to statistics page insights and comparisons

- Development of logic to improve statistics page insights

## 7. TestFlight Setup

- **Assigned:** Chase
- **Description:**
  - Set up live beta on App Store's TestFlight

## 8. Non-Medical Investigators CITI Training

- **Assigned:** All Team Members
- **Description:**
  - Required training for data access in research study