**High Level Goals:**

* Monitoring sound levels and sending notifications if sound crosses threshold
* Change volume threshold
* Set dynamic volume threshold for time of day
* Ability to create groups for users to anonymously notify each other
* Shared volume threshold for a group of users
* Create and measure a user stats page
* Allow users to view other users stats
* Reward achievements and awards based off user statistics

**User stories for release:**

|  |  |  |
| --- | --- | --- |
| **Sprint** | **User Story** | **Story Points** |
| **Sprint 1** | As a user, I want to be notified when I am being too loud so that I don’t disturb anyone. | **13** |
| **Sprint 1** | As a user, I want to see how loud I am so that I can put the decibel values into perspective. | **3** |
| **Sprint 2** | As a user, I want to be able to set my volume threshold so that I can be quieter in certain cases. | **5** |
| **Sprint 2** | As a user, I want to be able to preset daily schedules for the volume level thresholds so that I don’t have to set them before every activity. | **5** |
| **Sprint 3** | As a user, I want to be able to set a volume threshold for everyone in the group so that the house volume level is synchronized. | **8** |
| **Sprint 3** | As a user, I want to be able to let my housemate know anonymously that they are being too loud so that I don’t have to confront them about it. | **5** |
| **Sprint 4** | As a user, I want to see how loud my housemates have been so that I know if they are improving or not. | **5** |
| **Sprint 4** | As a user, I want to be rewarded for not being loud so I can feel good. | **5** |

**Product Backlog**:

Ability to ping anyone regardless of whether or not you’re in a group with them.

Tracking sunrise and sunset times for volume level timeframes.

AI algorithm that decides the volume threshold.

GPS tracking to decide volume threshold based on location.