Sprint Report 4

**Breathe 555 with Dr. Row  
Community Partner:** Dr. Rowena Pingul-Ravano  
3 July 2024

**Gabi Augustin, Abigail Amonett  
Faculty Advisor:** Professor Poepping

## Relevant Links

[Jira Project Plan](https://gaugusts.atlassian.net/jira/software/projects/SCRUM/boards/1?sprintStarted=true&atlOrigin=eyJpIjoiZGY4NTdhMDBlN2VhNDJjMjlhZDQ4NmM2MzFhMmY2YTUiLCJwIjoiaiJ9)

[Community Partner Meeting Notes](https://drive.google.com/drive/folders/1vfB9U8VE_dW7Js8sXF1v5_TIFpPqaGsm?usp=drive_link)

1 Relevant Links

2 Accomplishments Since Start of Sprint

3 Blocks & Problems

4 Goals & Targets for the Next Sprint

6 Community Partner Relationship

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## Accomplishments Since Start of Sprint

| **Task** | **Status** | **Description** | **Team Member** | **Hours** |
| --- | --- | --- | --- | --- |
| Prototype 1.0 | Completed | Combine audio with animation and structure in React Native App | Abby | 4 |
| Community Partner Feedback on Prototype 1.0 | Completed | Receive prototype feedback from Prof. Poepping and Dr. Row. Weekly community partner update / communication meeting. | Abby, Gabi | 1, 1 |
| Media Features | Completed | Pause / play / reset for animation and audio | Abby | 2 |
| Mute Features | Not started | Mute button, hide other audio functionality on click | Gabi | 2 |
| Record Audio | Completed | Record audio for the guided meditations with Dr. Row | Abby, Gabi, Dr. Row | 2, 2 |
| Prototype 1.1 | Completed | Revise prototype based on Dr. Row’s feedback | Abby, Gabi | 1, 1 |
| App 1.0 | Completed | Revise prototype based on Dr. Row’s feedback | Abby, Gabi | 2, 1 |
| User Testing 1 | In progress | Revise prototype based on Dr. Row’s feedback | Gabi | 1, 1 |
| User Testing 2 | In progress | Revise prototype based on CP feedback | Gabi | 1, 1 |
| App 1.1 | In progress | Refine Animation | Gabi | 2 |
| App 1.2 | Completed | Refine control features and user interaction points | Abby | 2 |
| App 1.3 | Completed | Refine tutorial page | Abby | 0.5 |
| Internal testing | Not started | Final testing to see if anything needs changing before developing the app 2.0 | Abby, Gabi | 0.5, 0.5 |

## Blocks & Problems

1. **Due to the tight turn around of development/visual and interaction design/testing, we have encountered some difficulties ensuring we are able to conduct synchronous meetings with our user base and client as necessary. (Most specifically, rescheduling finalized video filming and user testing.) Due to the busy nature of our client, and those who work most closely with her, we want to maintain that we respect her time, while also ensuring we are able to complete our development work in a timely, efficient manner.**

#### Mitigation Strategy:

* **Action Taken:** We have rescheduled both our finalized video filming and when we will meet with our core user group. Video filming was completed the afternoon of 0702, with our core user group testing being built into the final Centering Pregnancy session for this specific group. This will be completed on 0709, with Dr.Row building in time for us to ask participants to test with us throughout the session. Any additional audio/visual needs will be filmed at this time.
* **Goal:** We will complete our main user testing as planned with time to tweak after our demo. This will help us create a specific plan of what we would like to alter/incorporate after our application gets into the hands of users & we are able to better understand what they need.

#### Project Slippage

* **Current Status:** While we have hit MVP, we have encountered a few issues with scheduling and ensuring detailed edits can be completed. We intend to shift from design and be hands-on for the next stages of development so we can refine the application’s controls/looks/interactions as needed.We will be continuing to work in a flexible and creative manner so we can meet the needs of our community partner and our learning goals as a team.

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## Goals & Targets for the Next Sprint

| **Task** | **Status** | **Description** | **Team Member** | **Hours (est)** |
| --- | --- | --- | --- | --- |
| Mute Features | Not started | Mute button, hide other audio functionality on click | Gabi | 2 |
| User Testing 2 | In progress | Revise prototype based on CP feedback | Gabi | 1 |
| App 1.1 | In progress | Refine Animation | Gabi | 2 |
| Internal testing | Not started | Final testing to see if anything needs changing before developing the app 2.0 | Abby, Gabi | 0.5, 0.5 |
| Deployment Research | Completed | Research hosting and development documentation | Abby | 1 |
| Host & Deploy Web App | Completed | Host web application for core testing and initial user showcases/demo | Abby | 1 |
| Cost Analysis for Vendors | In progress | Analyze costs/pros and cons of Redtree, FiveStar, and additional vendor options to present to client | Abby, Gabi, | .5, .5 |
| Documentation writing and project plan hand-off | In progress | Create documentation for our application, ensure all code has comments, and begin writing hand-off documents for vendors | Gabi | 2 |
| Develop App 2.0 | Not started | Incorporate all user testing, design feedback, and create App 2.0 | Abby, Gabi | 2,2 |
| Implementation Discussion | Not started | Discuss Implementation between ourselves, create agenda for conversation with client regarding pertinent technical details | Abby, Gabi | 1,1 |
| Set up Android Development environment | Not started | Create and set up Android development environment to begin moving application onto Android devices | Abby | 2 |
| Scaffold Android app | Not started | Scaffold initial Android application | Abby, Gabi | .5, .5 |
| Android Application 1.0 | Not started | Create initial Android application suitable for testing | Abby | 2 |
| Internal testing for Android | Not started | Testing of Android application, bug checking, and tweaks | Gabi | 1 |
| Android Application 2.0 | Not started | Compile feedback from Prof.Poepping, Dr.Row and incorporate into application | Abby, Gabi | 2, 2 |

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## Community Partner Relationship

### **Brief Description of Interactions**

**Date:** Monday, 07/01/24  
**Meeting with Community Partner:** Dr. Rowena Pingul-Ravano

**Summary:**

During this meeting, we showcased progress on the app’s visual and digital development. We received feedback from our client, discussed the design, and made plans to receive the correct visual graphic files from the GLOW book designer. We also made plans for contact with the designer and rescheduled video/audio recording as needed. We also discussed our scheduling needs throughout this month and emphasized a need for priority to ensure we can complete our project on time, which the community partner understood and agreed with. We also scheduled user testing with the rest of the CP team which is going to be coordinated through Dr.Row at their final session. We also discussed working with 3rd party vendors and developers in order to coordinate hand-off, and gave her an initial overview of the price estimates we have received so far.

**Date:** Tuesday, 07/02/24  
**Meeting with Community Partner:** Dr. Rowena Pingul-Ravano

**Summary:**

Filming and audio recording session with community Partner. During this meeting, we completed a video recording discussing the work of Dr.Row, her intentions with the 555, and a brief explanation of its steps. We also completed audio recording to be utilized within the application that is currently being edited and tweaked for clarity.

### **Relationship Quality Rating**

**Rating:** Good  
**Comments:** Our working relationship with Dr.Row is very good at this point, while she is busy, she is incredibly understanding of our needs as a student consulting team, and has been helpful and amenable throughout this process. She’s also made many suggestions that have made our time working together easier and has been responding well to our follow-up emails and tasks in good time.