Sprint Report 5

**Breathe 555 with Dr. Row  
Community Partner:** Dr. Rowena Pingul-Ravano  
10 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)

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## Accomplishments Since Start of Sprint

| **Task** | **Status** | **Description** | **Team Member** | **Hours** |
| --- | --- | --- | --- | --- |
| User Testing 2 | Completed | Revise prototype based on CP feedback | Gabi | 2 |
| App 1.1 | Completed | Refine Animation | Abby | 2 |
| Internal testing | Completed | 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 Web App - for Demo only! | Completed | Host web application for core testing and initial user showcases/demo | Abby | 1 |
| Cost Analysis for Vendors | Completed | 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 | Completed | Incorporate all user testing, design feedback, and create App 2.0 | Abby, Gabi | 4,2 |
| Implementation Discussion | Completed | Discuss Implementation between ourselves, create agenda for conversation with client regarding pertinent technical details | Abby, Gabi | 1,1 |
| Set up Android Development environment | Out of Scope | Create and set up Android development environment to begin moving application onto Android devices | Abby | - |
| Scaffold Android app | Out of Scope | Scaffold initial Android application | Abby, Gabi | - |
| Android Application 1.0 | Out of Scope | Create initial Android application suitable for testing | Abby | - |
| Internal testing for Android | Out of Scope | Testing of Android application, bug checking, and tweaks | Gabi | - |
| Android Application 2.0 | Out of Scope | Compile feedback from Prof.Poepping, Dr.Row and incorporate into application | Abby, Gabi | - |

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## Blocks & Problems

1. **Both members of our team are currently in the process of moving and/or completing additional freelance work. Due to this, we have had a time squeeze of our own availabilities for this project. This blockage is less related to our project itself as a functional app, but solely one of our own personal bandwidths.**

#### Mitigation Strategy:

* **Action Taken:** We’ve had a frank discussion between the two of us related to our capabilities for the end of our project and moved aspects related to the Android application work to out of scope. This team discussion helped us better understand the two of our work going forward, the rest of our class schedule, and what we envision to be able to complete in the time we’ve left, and what we’d like to strengthen and focus on instead.
* **Goal:** Re-allocate our time to focus more so on refinement of App Design & ensuring we have a healthy deployment & hand-off of our deliverables. In doing so, it better let us understand the time we’ve left and locate our weaknesses as a team. It also gave us time to complete more user testing, which we intend to use this additional time to strengthen our product overall.

#### Project Slippage

* **Current Status:** Minimal
  + Despite these challenges, we planned for some time-crunch at the end of the semester, so we are still on schedule. We also realized our hand-off was a week later than expected so we are utilizing our “extra time” to deepen our documentation and add quality to deliverables.

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## Goals & Targets for the Next Sprint

| **Task** | **Status** | **Description** | **Team Member** | **Hours (est)** |
| --- | --- | --- | --- | --- |
| 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 | Abby, Gabi | 3,5 |
| Develop App 3.0 | Not started | Incorporate all user testing, design feedback, and create App 3.0 | Abby, Gabi | 2,2 |
| Iterations of Design visuals for App 3.0 | In progress | Incorporating of user testing feedback into clearer app designs | Gabi | 2 |
| Hand-outs and QR codes for end users | Not started | Create paper hand-outs for Dr.Row to share with users/staff to help boost engagement with Dr.Row's 555 App | Abby, Gabi | 5,3 |
| Confirm connection with post-class developers | In progress | Confirm Client’s choice of vendor | Abby, Gabi, Dr.Row | 1.5, 1.5 |
| Implementation discussion | In progress | Meet w community partner to discuss implementation, her experience with the deployed web app, etc | Abby, Gabi, Dr.Row | 1,1 |
| Internal testing Round 3 | In progress | Small-case internal testing | Abby, Gabi | .5, .5 |
| User testing (CP Moms) session 2 | In progress | Final user testing with end-users | Abby, Gabi | 3,3 |

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## Community Partner Relationship

### **Brief Description of Interactions**

**Date:** Monday, 07/08/24  
**Meeting with Community Partner:** Dr. Rowena Pingul-Ravano

**Summary:** During this meeting, we went over our established testing protocol with our Community Partner and its privacy conditions to ensure safety for her patients. We also reviewed preliminary feedback, our progress updates on visual refinement and development, and discussed our slides for the upcoming demo.

**Date:** Tuesday, 07/09/24  
**Meeting with Community Partner:** Dr. Rowena Pingul-Ravano

**Summary:** We met with our team partner on-site to conduct user testing with end-users and our Community Partner’s team. During this time, we sat in on the final Centering Pregnancy session, introduced ourselves and our work as a team, then pulled members of Dr.Row’s team, UPMC care practitioners, and mothers attending the session, to meet with us for testing.

### **Relationship Quality Rating**

**Rating:** Excellent  
**Comments:** We continue to maintain an excellent relationship with Dr. Row, and we have had no more scheduling issues. We also have built a relationship with the Centering Pregnancy team and patients, giving us a more accurate view of the people our technology will serve.