Sprint Review 5

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● Features implemented

This sprint was focused on three primary elements. We created the foundation behind account initialization via Firebase, we created timer functionality for the focus timer, and we created the ability to have life staged for the trees (specifically for the Oak tree).

● Issues fixed

We fixed the issue of not having a timer implemented into our application. We also addressed the local storage of user data via the integration of Firebase. Also we needed more UI elements such as new tree types and ages, which has been resolved.

● Implementation review *(What went well in the implementation, what problems occurred, how problems were solved)*

Our current problems are two-fold. Firstly, we don't have functionality to count down, meaning the user cannot currently set a timer as the amount they want to focus on. Our timer currently counts up the amount of time focused. This could work, but was not how we planned on implementing the timer. Secondly, we were having issues on the implementation of the Firebase when it came to the linking of the user's Google account. However, the implementation of the timer went smoothly, and we have the capability to implement different tree types.

● Changes made.

In this sprint, we added timer functionality and also worked in a Firebase backend to eventually allow for Google integration. Our timer currently counts up, and even works if the user closes the application, though this issue is planned to be alleviated on the next sprint.

● Plans for next sprint *(What will be done for the next sprint)*

Next sprint we will begin the implementation of the export capabilities, along with the finishing of the focus tracking via the tracking of time spent focusing. We will also be finishing the implementation of the calendar functionality, hopefully complete with the capability to store events. Lastly, we should be finishing up the linking with the Google accounts.

- <u>Scrum Review</u> *(What went well in Scrum, what could be improved, and what changes will be made)*

  This scrum went very smoothly. We finished up the majority of the deliverable a few days in advance, allowing for review toward the end of the sprint. We met as a group twice, firstly to delegate roles for this deliverable, and secondly to clarify our understanding of Firebase and any other questions we may have had.