Sprint Progress Report

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| Date | 4/26/2021-5/11/2021 |
| Group name | ***Libraworks’ Virtual Library*** |
| Group members | **Anthony Tran, Grant Saylor, Kyle Smith, Jiayi Xu** |
| Sprint # | 2 |

1. List the tasks done by each member

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| Member name | Tasks worked on during sprint |
| **Grant Saylor** | **Grant worked on setting geo-restrictions to the map view in order to keep users in their local vicinity when checking out books from libraries. In addition, he created a warning for no internet connection, which prevents the user from using the app in an offline mode (as it requires the database.) Everyone in the group added safeguards to data within the app by detaching event listeners.** |
| **Kyle Smith** | **Kyle worked on adding timers to the barcode scanner to auto-refresh after a book checkout to allow ease of access. Additionally he refined the checkout process by removing the idea of “check out” vs “donate”, the app now only recognizes checkout and nothing related to ownership. He spearheaded the initiative after exploratory work to detach event listeners, thus everyone in the group added safeguards to data within the app by detaching event listeners.** |
| **Jiayi Xu** | **Jiayi added a scrolling feature to the Search Activity, replacing the previous implementation which was much more restrictive. This implementation can be used across multiple screens which demonstrates reusability in design. Everyone in the group added safeguards to data within the app by detaching event listeners.** |
| **Anthony Tran** | **Anthony adjusted the fuzzy-search to allow searching via author and changed the results from a button-navigated design to a free-scrolling design, allowing more books to appear with less taps of the screen. Everyone in the group added safeguards to data within the app by detaching event listeners.** |

1. What went well during this sprint?

**This sprint we had a great mix of solo-work and group-work that allowed us to all gain new skills (always learning!), our collective work made the app much less bug-ridden and presents a nicer experience to the user. One of the best things this sprint is we learned about detaching event listeners and properly closing activities when they are done to stop resource waste.**

1. What didn’t go well and could have been done better?

**Overall, this week went very smoothly. A stretch-goal for this week was to get animations working on the title screen. We did not get to this but Jiayi and Grant did some research for a future sprint.**

1. What are the next action items (for the next sprint)?

**For Sprint 3 we want to add dynamic animations to the title screen, transparency to the book covers, geo fence search results, properly remove books from the user’s checkout logs/update the book availability in the library. This is of course on top of bug fixes. Potentially this sprint we will publish to an internal test on Google Play. Outside of our app we will be focusing on the Tech Talk.**