Sprint Progress Report

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| Date | 4/14/2021-4/26/2021 |
| Group name | ***Libraworks’ Virtual Library*** |
| Group members | **Anthony Tran, Grant Saylor, Kyle Smith, Jiayi Xu** |
| Sprint # | 1 |

1. List the tasks done by each member

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| Member name | Tasks worked on during sprint |
| **Grant Saylor** | **Worked on the map screen, added a cooldown timer to prevent map abuse, added a delete button to remove libraries from the database, added safeguards against deletions (confirmation screens, etc.)** |
| **Kyle Smith** | **Kyle worked on the check-out log, adding UI elements on the user screen for the check-out log. This functionality allows the user to see where they have books checked out, the date checked out, what book is checked out. This is important for the user to keep track of what they have borrowed.** |
| **Jiayi Xu** | **Jiayi worked on revamping the entire Library Screen by converting it to a scrolling grid-view. This is much better than the previous implementation because it allows an infinite number of books to be added to a library with a scrolling interface.** |
| **Anthony Tran** | **Anthony worked on adding fuzzy-search to the search screen, allowing spelling to not matter as much as it previously did because things can be completely misspelled but the database will still query and return correct results in the correct order.** |

1. What went well during this sprint?

**This print we set out to add quality of life features to the application and we all completed the work that we had set out to do. Our time management was well used, and all projects were delivered.**

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

**This week Kyle explored the use of Data Bindings to replace an existing data-structure we implement. We’ve decided after an exploratory session to not move forward with this data migration before initial launch. However, this gained information can be used in a tech talk and can be implemented after launch when all features reach their 1.0 version. This models real world development with how scopes can be explored and determined to be a good fit (or not) for a section of development.**

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

**For Sprint 2 we are wanting to flesh out a large portion of our backlog (such as adding search by author, user interface fixes, map geolocation fencing, populating the map with Little Free Library locations, animate books on the main screen, etc.) This is important so Sprint 3 can be used for polishing, internal publishing to Google Play and Sprint 4 can be used for poster creation, final presentation, etc.**