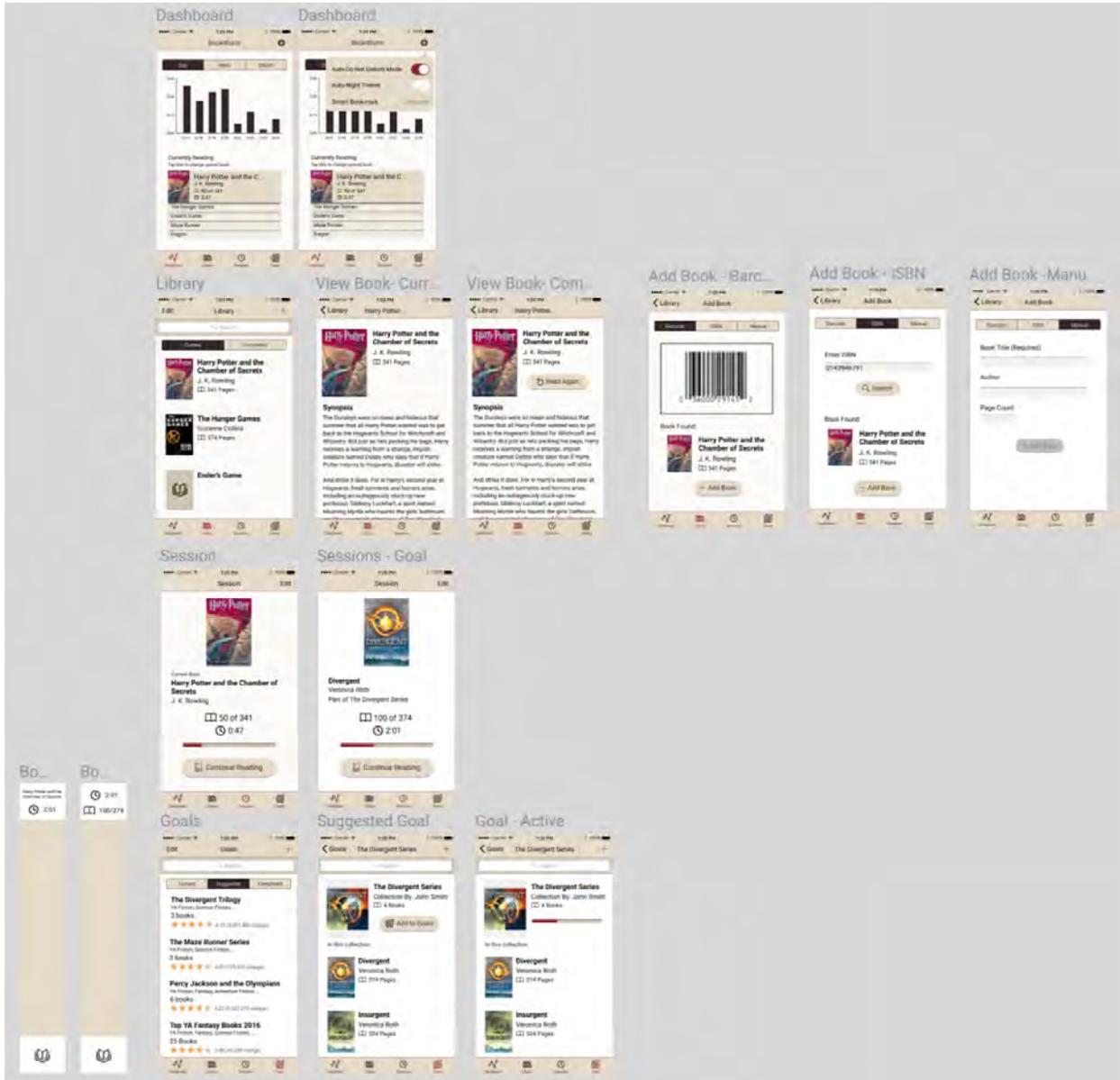


Alison Wong, Brandyn Bayes, Christopher Chen, Danial Chowdhry  
BookWorm  
CSE 440 Section C  
February 27th, 2017

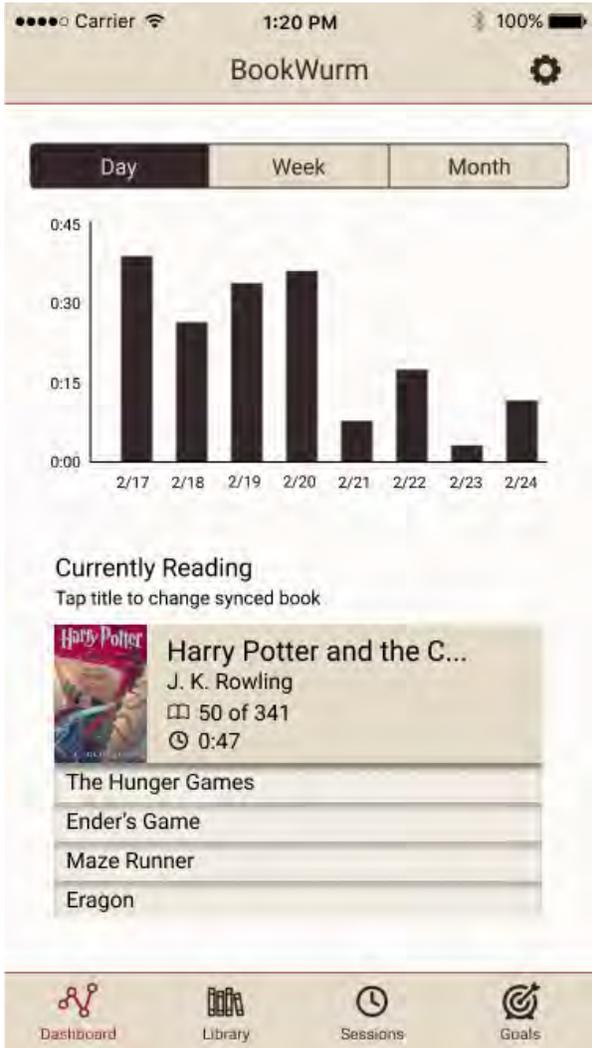
### Assignment 3e - Digital Mockup

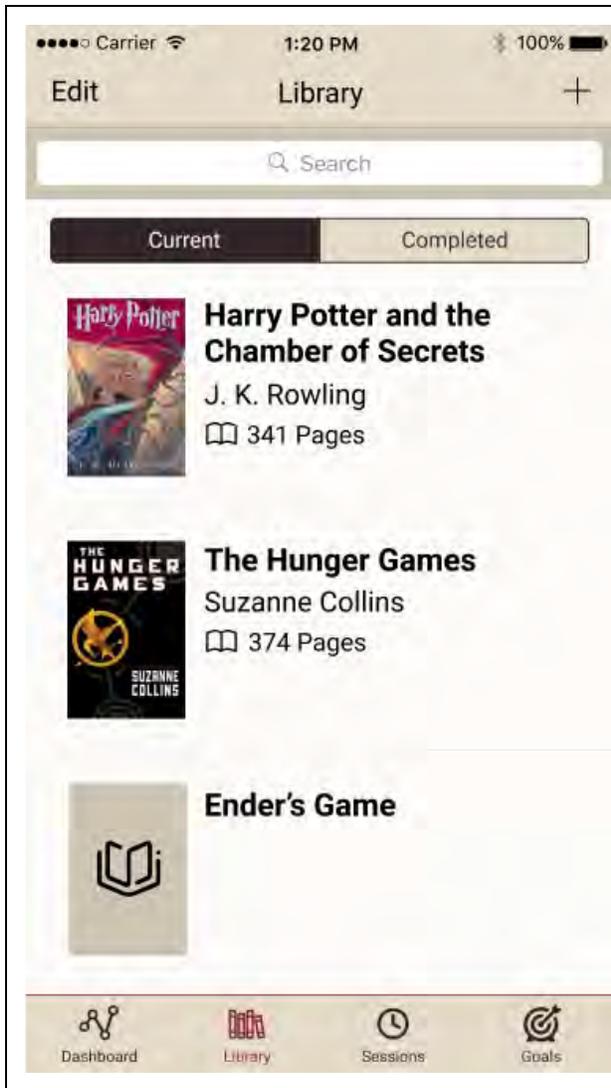
## Design Overview:



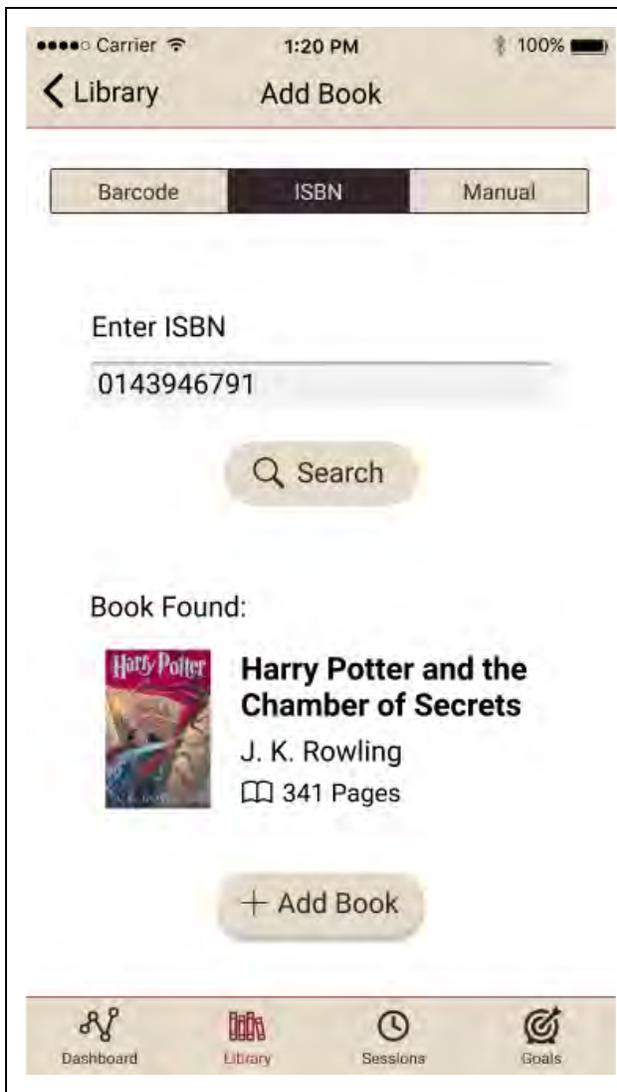
# Tasks:

## Task 1: Add a book and track progress

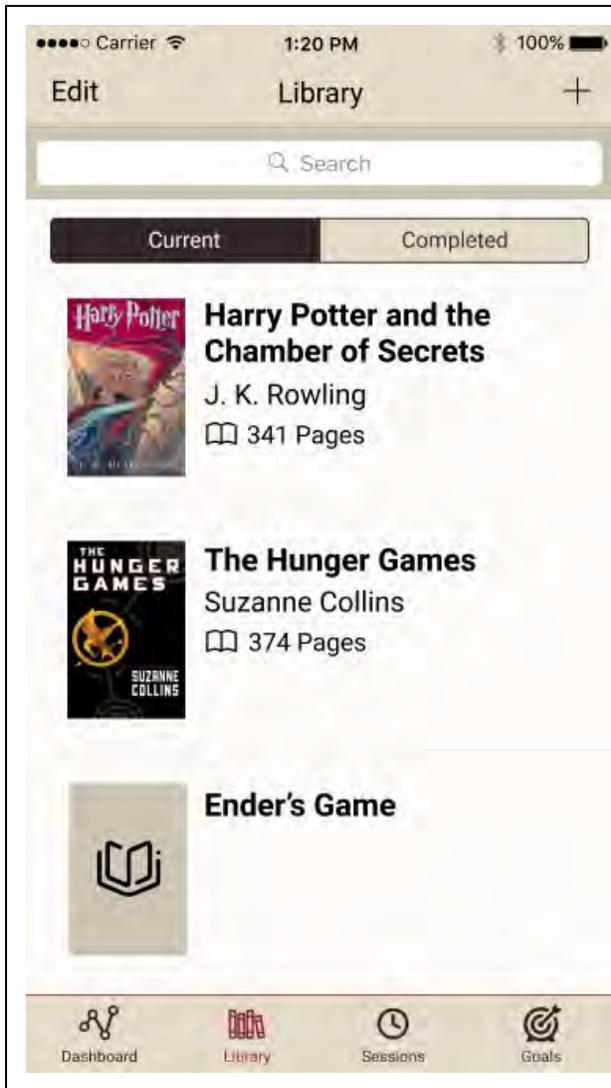
Screen	Step Description																		
 <p>The screenshot shows the BookWurm app interface. At the top, the status bar displays 'Carrier', '1:20 PM', and '100%' battery. Below the status bar, the app name 'BookWurm' is centered, with a gear icon for settings on the right. A navigation bar contains three tabs: 'Day' (selected), 'Week', and 'Month'. Below the tabs is a bar chart showing reading progress over time. The y-axis represents time in hours and minutes, ranging from 0:00 to 0:45. The x-axis shows dates from 2/17 to 2/24. The bars show varying amounts of reading time per day. Below the chart, the section 'Currently Reading' is visible, with the instruction 'Tap title to change synced book'. The currently selected book is 'Harry Potter and the C...' by J. K. Rowling, with a progress indicator '50 of 341' and a timer '0:47'. Below this, a list of other books is shown: 'The Hunger Games', 'Ender's Game', 'Maze Runner', and 'Eragon'. At the bottom, a navigation bar contains four icons: 'Dashboard', 'Library', 'Sessions', and 'Goals'.</p> <table border="1"><caption>Reading Progress Data (Day View)</caption><thead><tr><th>Date</th><th>Reading Time</th></tr></thead><tbody><tr><td>2/17</td><td>0:40</td></tr><tr><td>2/18</td><td>0:25</td></tr><tr><td>2/19</td><td>0:35</td></tr><tr><td>2/20</td><td>0:38</td></tr><tr><td>2/21</td><td>0:10</td></tr><tr><td>2/22</td><td>0:18</td></tr><tr><td>2/23</td><td>0:05</td></tr><tr><td>2/24</td><td>0:12</td></tr></tbody></table>	Date	Reading Time	2/17	0:40	2/18	0:25	2/19	0:35	2/20	0:38	2/21	0:10	2/22	0:18	2/23	0:05	2/24	0:12	<p>On the home screen, the participant can see their reading habits thus far as well as the books they are currently reading. The participant clicks “Library”.</p>
Date	Reading Time																		
2/17	0:40																		
2/18	0:25																		
2/19	0:35																		
2/20	0:38																		
2/21	0:10																		
2/22	0:18																		
2/23	0:05																		
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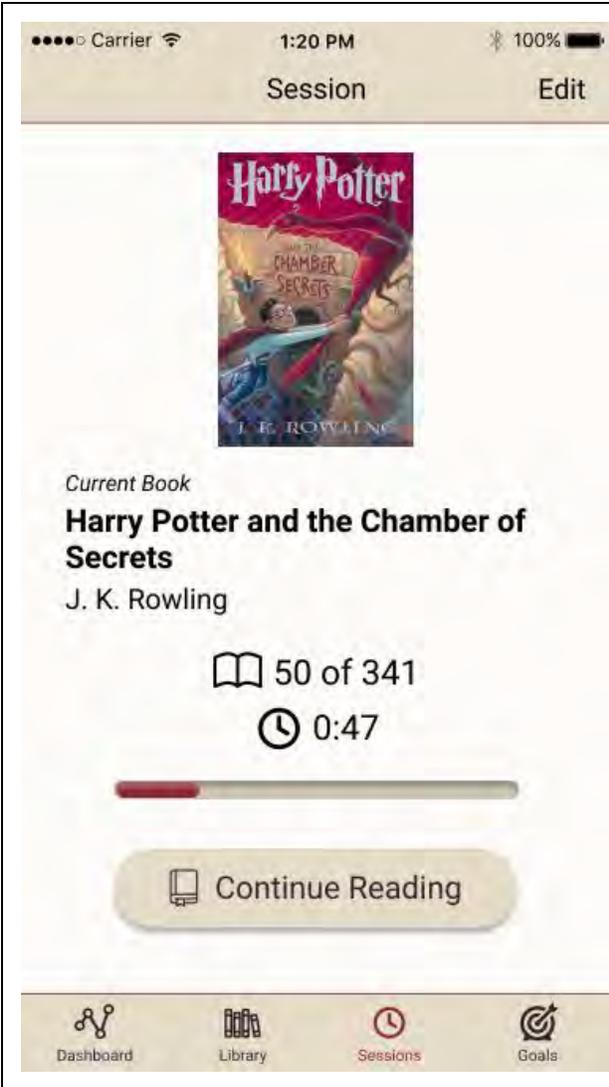
The participant is then taken to their library of books. The participant wishes to start a new book and would like to add a book to the library. The participant clicks the add button in the middle of the screen.



The participant adds the book they would like to read by entering its ISBN (there was also an option to enter by scanning or to enter the book information manually).



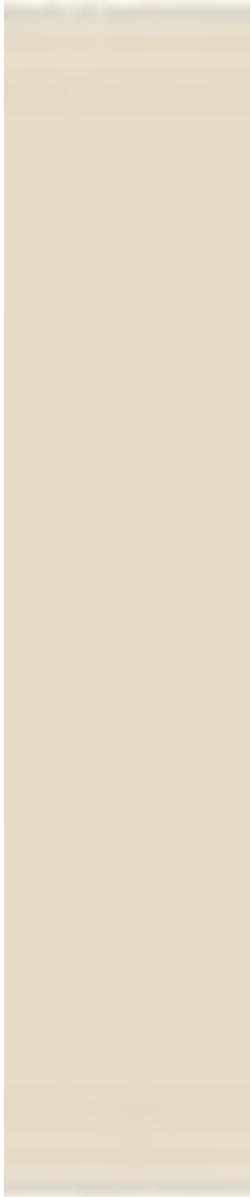
The participant is taken back to their library. The book they scanned is now visible in the library. The participant would like to read it while tracking progress with the smart bookmark. They click the row representing the newly added book.



The participant clicks "Continue Reading".

Harry Potter and the  
Chamber of Secrets

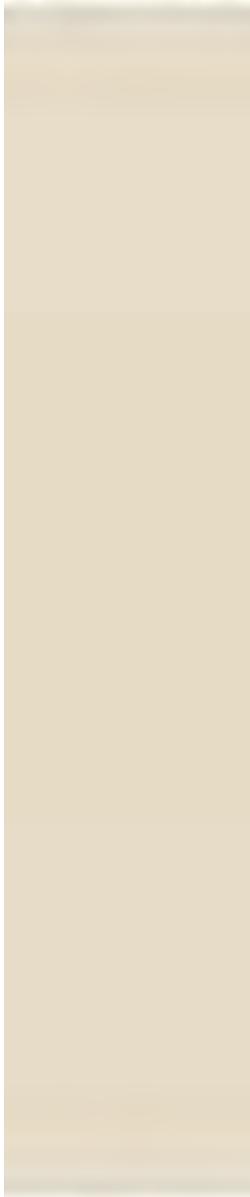
 2:01



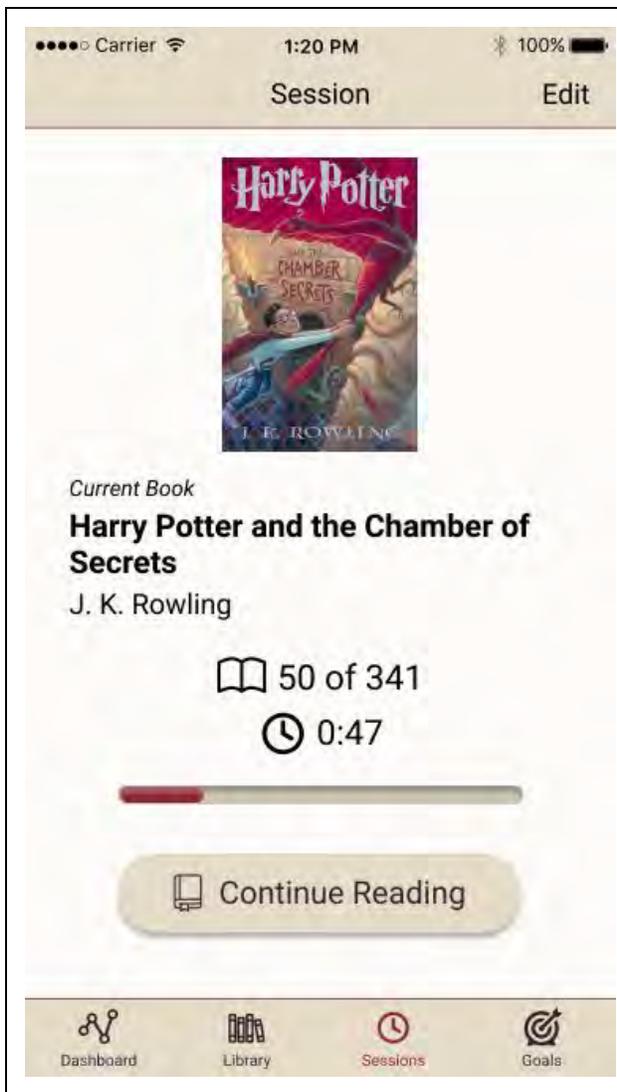
The participant opens the book, and places the bookmark on their wrist (standby mode for the bookmark is shown)

 2:01

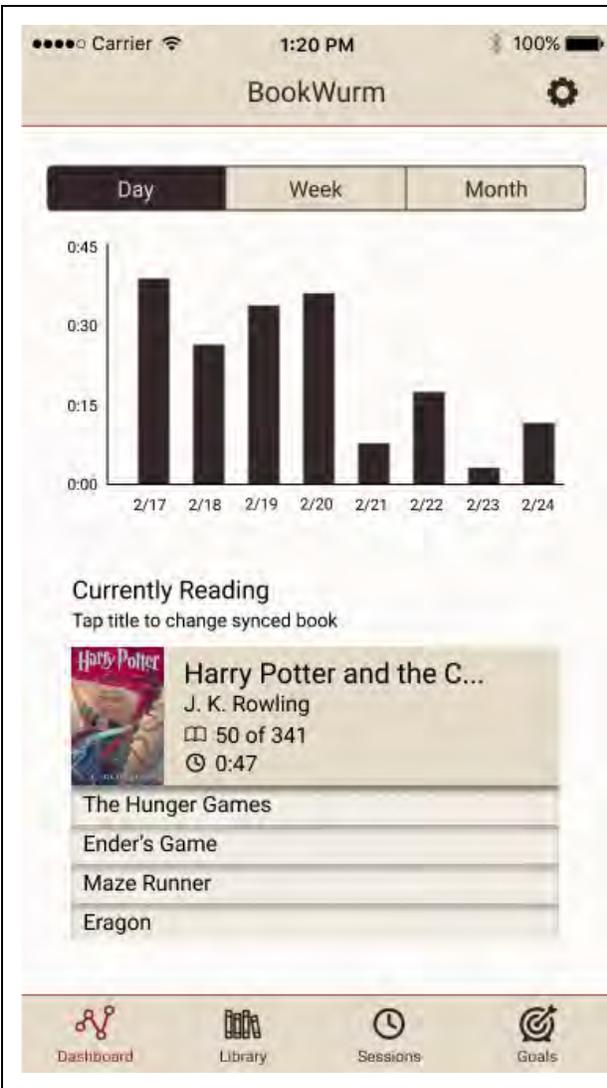
 100/374



The participant puts on the bookmark which begins timing and tracking the reading session. The participant then reads as normal. (active mode for the bookmark is shown)

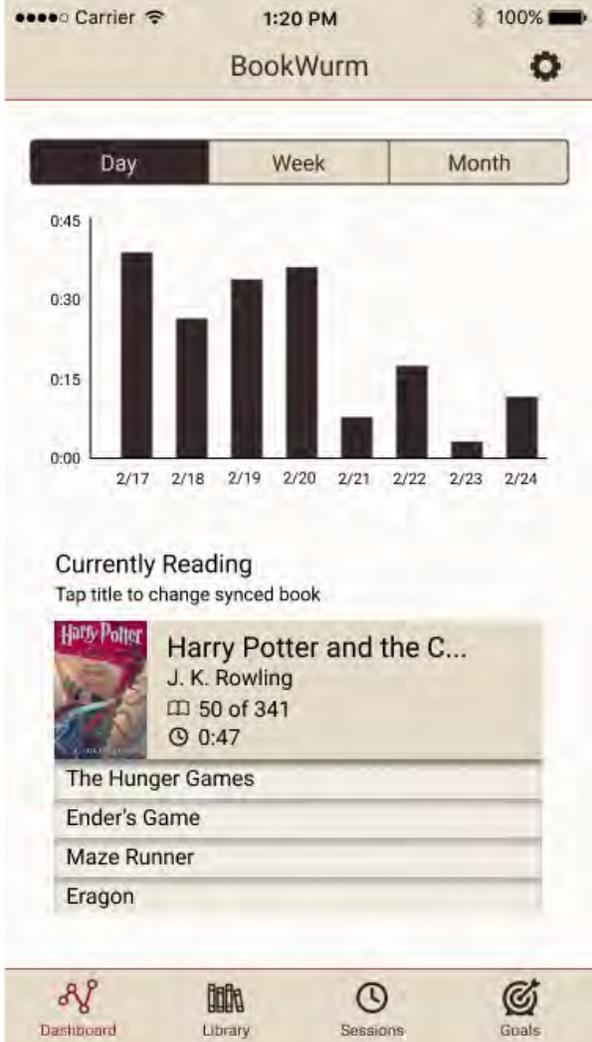


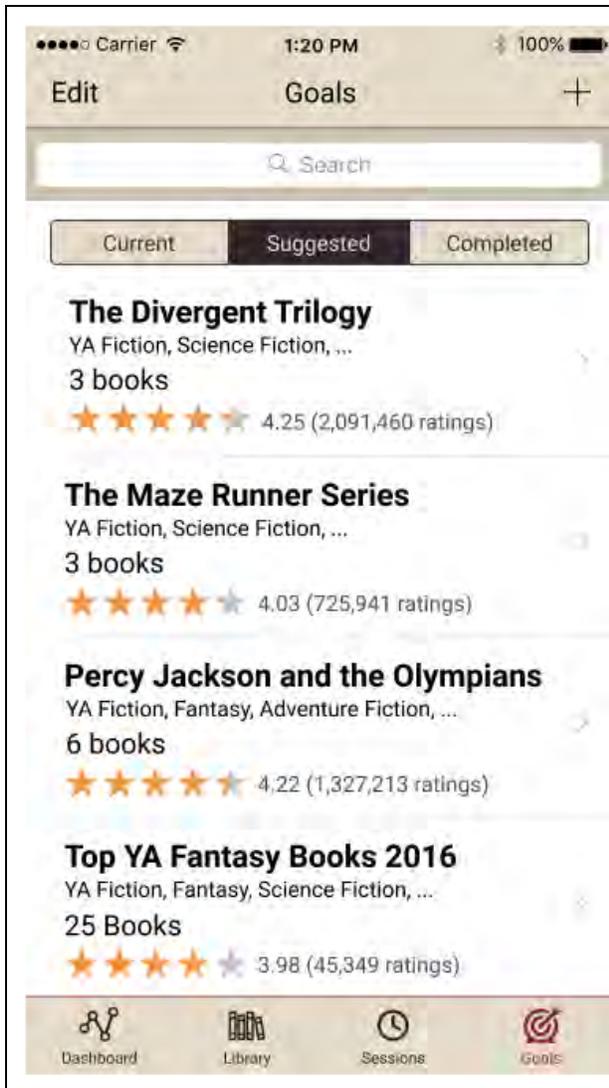
At the end of the reading session, when the bookmark is taken off, the participant is taken back to the book page and shown stats about their reading session. The participants clicks the dashboard button to return to the home screen.



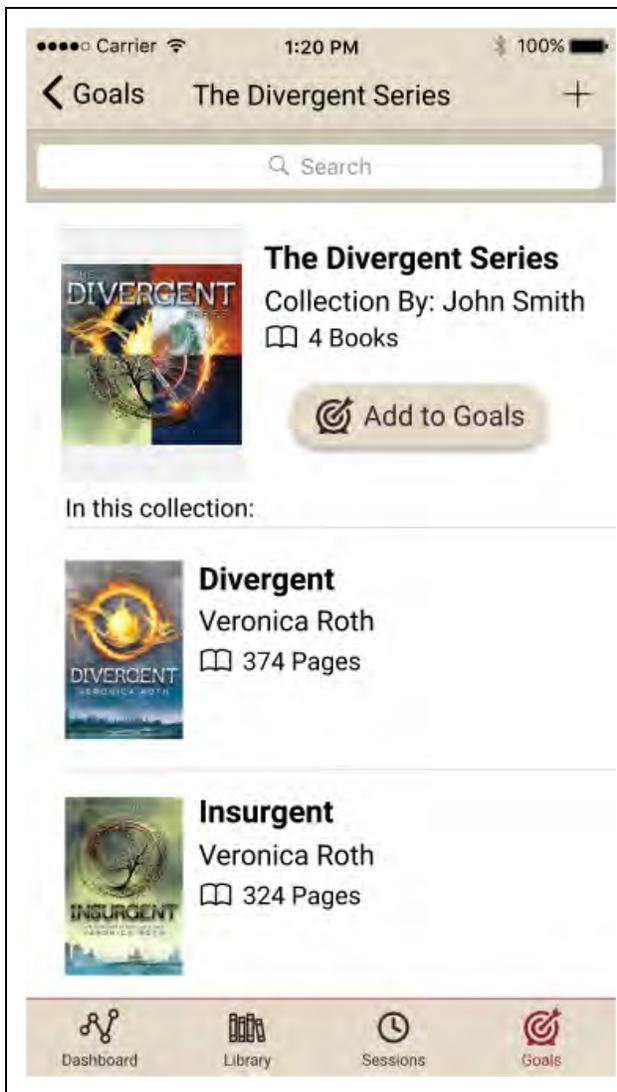
The participant has completed the task and finds that the graph displayed on the dashboard has been updated with information about their most current reading session.

## Task 2: Add a new reading goal

Screen	Step Description																		
 <p>The screenshot shows the BookWurm app interface. At the top, the status bar displays 'Carrier', signal strength, '1:20 PM', and '100%' battery. Below the status bar, the app name 'BookWurm' is centered, with a gear icon for settings on the right. A navigation bar contains three tabs: 'Day' (selected), 'Week', and 'Month'. Below the tabs is a bar chart showing reading sessions over a period of eight days. The y-axis represents time in hours, ranging from 0:00 to 0:45. The x-axis shows dates from 2/17 to 2/24. The bars represent the following session durations: 2/17 (0:40), 2/18 (0:25), 2/19 (0:35), 2/20 (0:38), 2/21 (0:10), 2/22 (0:18), 2/23 (0:05), and 2/24 (0:12). Below the chart, the section 'Currently Reading' is visible, with the instruction 'Tap title to change synced book'. The current book is 'Harry Potter and the C...' by J. K. Rowling, with 50 of 341 pages read and a timer at 0:47. Below this, a list of other books is shown: 'The Hunger Games', 'Ender's Game', 'Maze Runner', and 'Eragon'. At the bottom, a navigation bar contains four icons: 'Dashboard' (a red icon), 'Library' (a bookshelf icon), 'Sessions' (a clock icon), and 'Goals' (a target icon).</p> <table border="1"><caption>Reading Sessions Data</caption><thead><tr><th>Date</th><th>Session Duration</th></tr></thead><tbody><tr><td>2/17</td><td>0:40</td></tr><tr><td>2/18</td><td>0:25</td></tr><tr><td>2/19</td><td>0:35</td></tr><tr><td>2/20</td><td>0:38</td></tr><tr><td>2/21</td><td>0:10</td></tr><tr><td>2/22</td><td>0:18</td></tr><tr><td>2/23</td><td>0:05</td></tr><tr><td>2/24</td><td>0:12</td></tr></tbody></table>	Date	Session Duration	2/17	0:40	2/18	0:25	2/19	0:35	2/20	0:38	2/21	0:10	2/22	0:18	2/23	0:05	2/24	0:12	<p>On the dashboard of the home screen, the participant clicks “Goals”.</p>
Date	Session Duration																		
2/17	0:40																		
2/18	0:25																		
2/19	0:35																		
2/20	0:38																		
2/21	0:10																		
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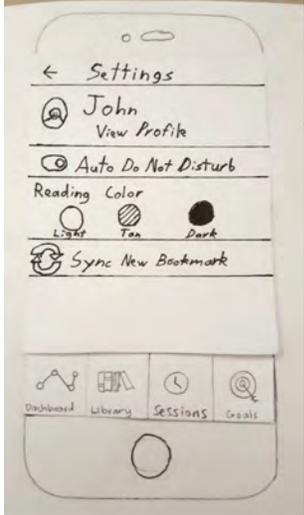


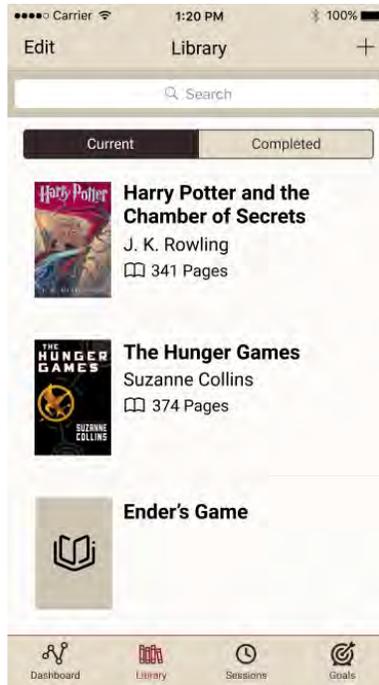
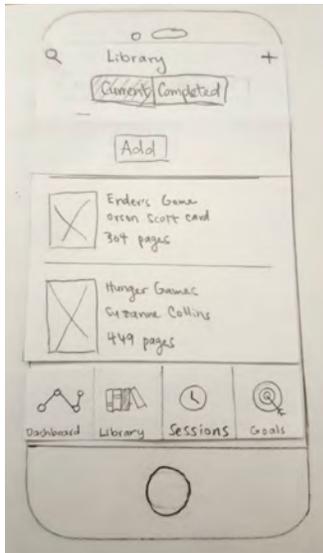
On the "Reading Goals" screen, the participant clicks on the "The Divergent Trilogy" goal to check their progress thus far. They can then click on the "Suggested" tab at the top to see suggested goals or the + symbol to add a new goal



Upon reaching the suggested goals page, the participant can see and select a list of suggested collections. For this collection, "The Divergent Series", the participant can use the button at the top to add it to his list of goals.

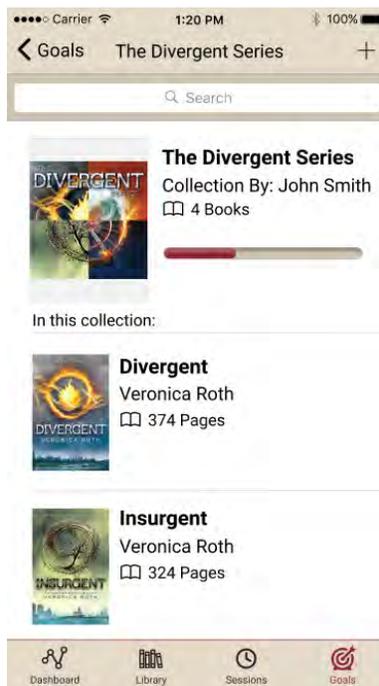
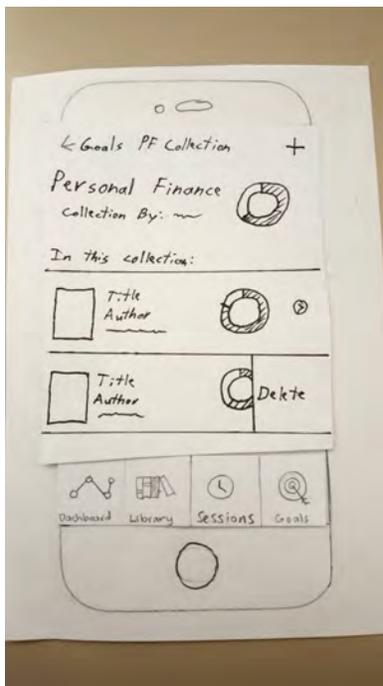
## Changes:

Before	After	Rationale
		<p><b>Settings Page</b>          Because of the limited options on the settings page, we limited it down to a popup menu instead of a full page.</p>



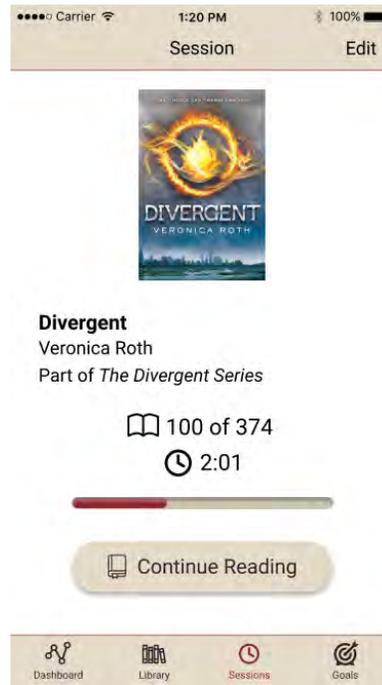
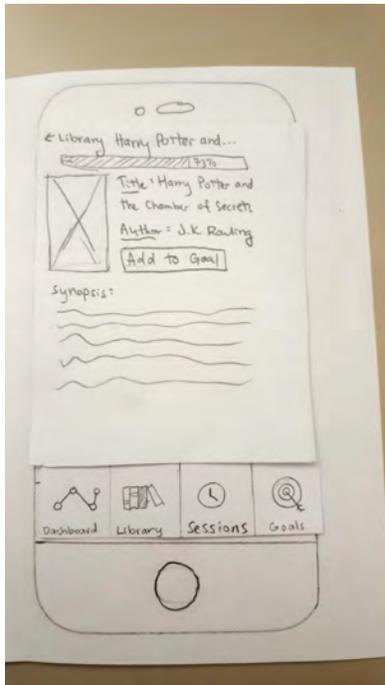
### Library - Add Button

After our most recent design critique, we decided to remove the add button from the center of the library screen. While one user was unable to find this, it has not been identified by other users, and we believe it to be unlikely to be a recurring issue.



### Progress Bars

While implementing our design, we switched from circular progress bars to horizontal ones. We made this change because it took less space, and made it easier to identify the exact progress that had been made thus far.



**Adding goal group to reading session page**  
We decided to add the goal group to the reading session page to allow a book's session page to be reused when they click on a book within a goal. We hope this improves consistency for users and allows them to keep track of goals easier. (see "Part of The Divergent Series")