Gantt chart key
- Time spent on assignment (green)
- Time spent late (red)
- Time spent editing (yellow)

Task	W1 (3/24-3/30)	W2 (3/31-4/6)	W3 (4/7-4/13)	W4 (4/14-4/20)	W5 (4/21-4/27)	W6 (4/28-5/4)	W7 (5/5-5/11)	W8 (5/12-5/18)	W9 (5/19-5/25)	W10 (5/26-6/1)	W11 (7/14-7/20)	W12 (7/21-7/27)	W13 (7/28-8/3)	W14 (8/4-8/10)	W15 (8/11-8/17)	W16 (8/18-8/24)	W17 (8/25-8/31)	W18 (9/1-9/7)	W19 (9/8-9/14)	W20 (9/15-9/21)
Project Proposal — **Ryan P:** Problem statement and user requirements. **Ryan B:** Technologies used. **Spencer:** High level database architecture	green																			
Use Case Diagram — **Ryan P + Spencer:** Create system diagram and lay out all the actors. **Ryan B:** Connect all the actors with their systems		green			yellow															
Prototype/Wireframe — **Ryan P:** Create mobile skeletons, tutor experience and action menus. **Spencer:** Admin/department head experience and expanded on action menus. **Ryan B:** Student experience			green	red																
Database Design — **Ryan P:** Set up users, items, schedules, logs tables. **Spencer:** Set up lookup tables, error tables and create associations between tables				green	yellow															
Midterm Presentations — **All:** Present on work done and collaborate on presentation				green																
Activity Diagrams — **Ryan P:** Create mobile skeletons, tutor experience and action menus. **Spencer:** Admin/department head experience and expanded on action menus. **Ryan B:** Student experience					green															
Class Diagrams — **Ryan P:** Set up users, items, schedules, logs classes/objects. **Spencer:** Set up lookup classes, error tables and create associations between classes. **Ryan B:** Help spencer with associations						green														
Heuristic Evaluation — **All:** Colloborate together on covering all areas on the assignment. Covered areas we had knowledge on and colloborated on sections that needed revisions.							green													
Gantt Chart — **Ryan B:** Outline gantt chart. **Ryan P:** Expand gantt chart and split off tasks evenly amongst team members and ensuring everyone is on time	green	green	green	green	green	green	green	green	green	green										
Online Wiki — **Ryan P:** Create and host online wiki									green											
Final Presentation — **All:** Revise midterm presentation to fix issues encountered in the midterm presentation									green											
Database Tables — **Spencer + Ryan B:** Set up database tables. **Ryan P:** Fill tables with data from flat files and generate dummy data											green									
Scaffold Database/API — **Ryan P:** Set up enitity connection to database, create custom functions and stored procedures. **Ryan B:** Test API functionality with Postman or swagger. **Spencer:** Create unit tests											green									
Skeleton of App — **Ryan P:** Create desktop layout pages for admin, tutor, student. **Spencer + Ryan B:** Create mobile/responsive layout based on the pages Ryan P creates												green								
Learn MAUI — Read documentation on MAUI and familiarize with workflow												green								
Set Permissions — **Ryan P:** Create page_load events to check permission levels, store them in a session variable to lock down pages users shouldn't have access to												green								
API Connection — **Ryan B + Spencer:** Connect MAUI project to the API project so that data can be accessed and tested. First we'll start with login api to login and change credentials and work with permissions												green								
Scanner Functionality — **Ryan P:** Implement barcode scanning and functionality													green							
Test Scanner — **Ryan B + Spencer:** Generate barcodes for items and test functionality of the scanner													green							
Schedule Functionality — **Ryan P:** CRUD for scheduling, generate schedules viewable for students to see lab schedules and write access for admins, department heads and student schedules for monitors/tutors														green						
CRUD Functionality — **Spencer R + Ryan B:** CRUD functionality for item logging, student logging, user management, department management and lab management															green					
Set up Websockets — **Ryan P:** implement websockets for tutor chat functionality to the API project so it'll exist on one server																green				
Testing/Bug Fixes — **All:** Fix outstanding bugs, failed unit tests and replace failed features with fake UI features if time is running out. Fully test the application with all users and have outside members of the project try using it																	green	green		