Version 1.0	Tasks:	Notes on Task:	Start Date:	Initiated By:	End Date:	Finished By:	Notes:
	Meeting 1: Planning	Meeting to map out the overall flow of the project; and brainstorm various ideas and paths we could take to complete the projects objectives.	5/30	All Members	5/30	All Members	Upon conclusion of the meeting; the group unanimously decided to make the barebones of a class; that would best represent their idea on how to tackle the task. Going Forward. Next meeting will determine what tasks need to be created and undertaken to progress.
	Meeting 2: Class Construction and Discussoin on Usage of Members / Methods	Compare Barebones Class h/cpp and discussion on usage of methods and members in relation to barebones creation.	5/31	All Members	5/31	All Members	Decided on which file to use for version 1.0 and established tasks to be undertaken throughout the week.
	Intake Function:	Create a function to read the given txt file and sort the data into respective category grade vectors of oru created object.	5/31	Nathaniel Brown	6/2	Nathaniel Brown / Rebecca Iselin	Initial Function developed with barebones; class code. Debugged and improved by Rebecca.
	Main File Creation:	Create instance of our object of type gradebook and store variables for CLA (i.e. txt file name)	5/31	Both - In Meeting	5/31	Both - In Meeting	Simple main file to work with in the future; containing a CLA variable for our txt input at argv [1]. Created by both members.
Version 2.0	**Tasks:**	**Notes on Task:**	**Start Date:**	**Initiated By:**	**End Date:**	**Finished By:**	**Notes:**
	Meeting 3: Priority Methods	Meeting to discuss the main methods used within our program; i.e. calculate averages for the categories and the course grade.	6/1	All Members	6/1	All Members	Upon conclusion we established tasks to undertake and test throughout the week; and set up next meeting date for the following day.

	Meeting 4: Work	Compare Barebones Class h/cpp and discussion on usage of methods and members in relation to barebones creation.	6/1	All Members	6/1	All Members	Majority of work started on two methods for project - to be completed throughout week. Additional goal of starting template for next week's version.
	Calculate Category Average:	Create a method to take a filled vector and return the average of that specific category.	6/2	Rebecca Iselin	6/2	Rebecca Iselin	Finished method to calculate category averages and return specific average
	Calculate Course Average:	Create a method to take the returned averages from Category average. Use these to calculate the course average for function.	6/2	Nathaniel Brown	6/2	Nathaniel Brown	Finished method to calculate course average using above values and return course average
	Template Menu Code:	Create generic template for conditional based menu; for a future implementation.	6/3	Nathaniel Brown	6/4	Nathaniel Brown	Generic Template for future use complete; menu of sub menu's containing more submenus... Temporary output.
Version 3.0	**Tasks:**	**Notes on Task:**	**Start Date:**	**Initiated By:**	**End Date:**	**Finished By:**	**Notes:**
	Meeting 4: Menu Implementation and Future Task Planning	Meeting to discuss implementing template menu and expanding upon what we have. I.e. Generate more tasks to keep the project moving.	6/6	All Members	6/6	All Members	Started to implement Menu; set goals for a 'Manual Intake' section of the code to adequately satisfiy criteria of assignment. Finalize variations of TXT files for flexibility testing.
	Meeting 5: Work	Meeting to finalize TXT file contents and test cases. Initiate work on taks for the week.	6/7	All Members	6/7	All Members	Decided on TXT File cases for: Full dataset, Partial Dataset (Display CURRENT averages; not as if they have 0s for the remaining grades), and an empty dataset (Future; manually fill in the grades and write to a fill).

	Manual Intake:	Create a function to later be implemented into menu; allows for the user to manually update and fill vectors if the txt file is not a complete gradebook for the student.	6/7	Rebecca Iselin	6/9	Rebecca Iselin	Finished ability to manually intake; ability for validation checks and writing files from empty -> full will be done next week.
	Implement Menu:	Create a method to take the returned averages from Category average. Use these to calculate the course average for function.	6/7	Nathaniel Brown	6/9	Nathaniel Brown	Finished general implementation of main menu, which can call various methods and output appropriately depending upon user request. Has basic validation setup for if users input is out of range of the expected parameters (with related error message). Needs to have Manual Intake added.
	TXT Finalization:	Finalize and upload TXT files into github; so we are working with the same test cases. Both create two.	6/7	All Members	6/7	All Members	Generic Template for future use complete; menu of sub menu's containing more submenus... Temporary output.
Version 4.0	**Tasks:**	**Notes on Task:**	**Start Date:**	**Initiated By:**	**End Date:**	**Finished By:**	**Notes:**
	Meeting 6: Start Report Work - Recap Work Done Over The Weekend	Discuss writing of the report and its requirements; divide into equal portions. Finish implementing changes and additions made over the weekend.	6/12	All Members	6/6	All Members	Started tasks for finishing the report.
	Meeting 7: General Testing and Hotfixes	After confirmation from Professor; start recording process for submission.	6/14	All Members	6/14	All Members	Worked on troubleshooting manual intake conditionals for specifically the project grades as there was no way to determine between 150/350 point limits. Uploading this weeks changes as version 5.0.

	Weekend Additions:	Additions to manual intake.	6/10	Rebecca Iselin	6/10	Rebecca Iselin	Added validation to manual intake; to ensure that vector size does not exceed the limit set by the course. As well as rewriting functionality when the user opts to save their changes. Overwrites the TXT file used during compile.
	Report - Summary:	Summarize the overview of the project; break down mini summaries of each version of production.	6/12	Nathaniel Brown	6/12	Nathaniel Brown	Finished the Summary of various versions of the project.
	Report - Instructions / Compile	Detailed Instructions and guide for compiling, work through individual test cases and appropriate error messages / what the program does in those cases.	6/12	Rebecca Iselin	Ongoing - as code continues to develop.	Rebecca Iselin	See initial note.
	Report - Spreadsheet	Spreadsheet has been slowly being filled and reogranized since initial meeting on paper; migrated to google sheet for submission.	6/12	Nathaniel Brown	Upon Submission - WIP	Nathaniel Brown	See initial note.
	Report - Pseudo Code	Create summary and individual breakdown of pseudo code for various stages of our projects progressoin.	6/12	All Members	6/12	All Members	Finished in Meeting 6: As both of us had our own individual pseudocode, we melded them together for the report.
Version 5.0	**Tasks:**	**Notes on Task:**	**Start Date:**	**Initiated By:**	**End Date:**	**Finished By:**	**Notes:**
	Meeting 8:	Meeting to troubleshoot minor calculation bugs; as well as set up our recording process.	6/20	All Members	6/20	All Members	By the end of this meeting we established the remaining tasks to be completed before our recording and submission
	Meeting 9:	Meeting to peer review report and instructions and record the final project video portion of the assignment.	6/21	All Members	6/21	All Members	Finished!

	Testing Menus: 1-3	Ensure menu's work for all possible data input scenarios. Range, Data Type, Varying Scenarios, Ect.	6/20	Rebecca Iselin	6/20	Rebecca Iselin	Done
	Testing Menus: 4	Ensure menu's work for all possible data input scenarios. Range, Data Type, Varying Scenarios, Ect.	6/20	Nathaniel Brown	6/20	Nathaniel Brown	Done
	De - Modularizing Menus:	Initially modularized menu's into seperate function calls - redundant and edited back to its inital state. See end notes.	6/20	Rebecca Iselin	6/20	Rebecca Iselin	Due to the fact that our menus function within while loops; the code is not being rewritten multiple times even though the menus display multiple times. Unanimously we decided to revert to a previous iteration of our menu's to maximize readability of our code. Minor modularization of inner menu's that were repeated.
	Refine Project Calculations	Specific issue regarding calculation of project grade average when only 1 project grade has been read so far.	6/20	All Members	6/20	All Members	Essentially added member variables to store the specific grades to project 1 and
	Finalize Instructions:	Need to finalize instruction menu after the completeion of calculations.	6/21	Rebecca Iselin	6/21	Rebecca Iselin	Word Document created for Instructions; transferred old google docs info into the word file for submission.
	Update Pseudo Code	Format and adjust psuedocode for the entire document for readability	6/20	All Members	6/20	All Members	We each ran through seperate sections of the project and filled in appropriate pseudo code / reorganized the flow of helpers, methods, getters, setters, ect to make the program more readable for the user.
	Finalize Report:	Once Instructions are completed - format document for peer review and submission.	6/22	Nathaniel Brown	6/22	Nathaniel Brown	Finished during meeting; will need the last image of our contribution table immediately after recording finishes.

	Recording:	Once Code and Pseudo are implemented fully; begin recording for submission.	6/22	All Members	6/22	All Members	Recording finished; ready for submission after we review the file. Now to start Project 2...