**Record of tasks:**

| Date | Action | Details | Comments | Date Completed | Criterion |
|------|--------|---------|----------|----------------|-----------|
| February 2017 | Approval of Ideas by teacher. | My idea to create a group quiz grade entry system was approved by Mr. Albinson | | 6 February 2017 | A |
| February 2017 | Talked to teacher to see what was needed for grade recording system | I spoke with Mr. Campisi about what he would like to have the function of the grade recording system be. | | 9 February 2017 | A |
| February 2017 | Determine best utility to create program with. | I spoke with Mr. Albinson about possible ways to record information. | Google apps scripts was selected to make this program. | 12 February 2017 | A |
| February 2017 | Begin designing workings of program. | I researched how to use google apps script in relation to modifying spreadsheets. | | 13 February 2017 | B |
| February 2017 | Begin writing code | I first created functions on the server side of google | | 15 February 2017 | C |

| | | apps script to modify the spreadsheet. | | | |
|---|---|---|---|---|---|
| February 2017 | Develop adequate server client interaction system | I learned how to use a callback function to both receive and send information between the google apps server and the client browser. | | 17 February 2017 | C |
| February 2017 | Continue Writing code for client side interface | I wrote HTML, CSS, and javascript to perform functions on the client's computer | | 25 February 2017 | C |
| February 2017 | Ensure that client side javascript interacts properly with serverside googleScript code. | I learned and wrote the functions that modify spreadsheets as well as determine how the information to be conveyed to the user. | | 30 February 2017 | C |
| March 2017 | Finishing touches | I established some fail safes to make | | March 4 2017 | C |

| | | it so that the user could not submit invalid data | | | |
|---|---|---|---|---|---|
| March 2017 | Begin to transcribe development section of IA | | | 15 March 2017 | |
| March 2017 | Film evidence of functionality video. Write the Evaluation and planning section of the IA. Link Code into document. | | | | |

**Design overview**
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