**CS210 ACE4** meeting minutes

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| Date: | 31/1/19 |
| Attendees: | Amanda Hellstenius  Koni Watson  Marc Schachtsiek  Stuart Lennon  Jack Dale |

# Agenda items

1. Read through ACE 4 specification
2. Discuss approach to Assignment in general
3. Discuss approach to Stage 1
4. Make a plan to tackle Stage 1
5. Designate work to members

| Action items | Owner(s) | Deadline | Status |
| --- | --- | --- | --- |
| Implement Read and  parse functionality | Mark Schachtsiek | 7/2/19 | In Progress |
| Implement user prompt  and shell exit | Jack Dale | 7/2/19 | In Progress |
| Read instructions for Stage 2 and selected documentation | Koni Watson | 7/2/19 | In Progress |
| Read instructions for Stage 2 and selected documentation | Stuart Lennon | 7/2/19 | In Progress |
| Read instructions for Stage 2 and selected documentation | Amanda Hellstenius | 7/2/19 | In Progress |

Agreed Approach for Stage 1

Prompt will be implemented within the main loop, continuously printing “>” for user input. Later stages will add the name of the current directory to the user prompt as is common in UNIX machines

Exit will be implemented by listening for an exit code from fgets() as per the requirements of the assignment on MyPlace

The reader will be implemented using fgets() with a limit of 512 characters (as per the requirements MyPlace)

The parser will be implemented by means of a switch statement, with a separate test variable being assigned an int value after the string has been read(assuming it is a correct, valid command). This separate variable will be tested in the switch statement.

Shell commands will be implemented by assigning an integer value to each command and testing the parsed input via a switch statement.