Appendix 4 - Main Mission Example Usage

Please be aware this output has been modified to prevent large amounts of paper being used.

Original files can be found in: **Documentation/Original_Logs/**.

Listing 1: Main Mission Application Example Runthrough (Minted)

```
*****************************************
Welcome, please select an option:

*****************************************
  1. Display competitors yet to start
  2. Display competitors out of courses
  3. Display finished competitors
  4. Enter competitor checkpoint time
  5. Load time log file into system
  6. Display event results list
  7. Display specific competitor status
  8. Exit Program
*****************************************
1

| Competitor No   |                           Competitor Name
                   |    Current Status   |
|=================|==================================================|=========
|        1        |    Donald Duck
                                         |     Not Started    |
|-----------------|--------------------------------------------------|---------
|        2        |    Mickey Mouse
                                         |     Not Started    |
|-----------------|--------------------------------------------------|---------
|        3        |    Jemima Julieta Mouse
                                   |     Not Started    |
|-----------------|--------------------------------------------------|---------
|        4        |    Minnie Duck
                                         |     Not Started    |
|-----------------|--------------------------------------------------|---------
|        5        |    Minnie Mouse
```

```
                                            |     Not Started     |
|-----------------|----------------------------------------------------------|--------
|        6        |     Minnie Mouse Junior
                                                |     Not Started     |
|-----------------|----------------------------------------------------------|--------
|        7        |     Deputy Doug
                                                    |     Not Started     |
|-----------------|----------------------------------------------------------|--------
|        8        |     Deputy Duck
                                                    |     Not Started     |
|-----------------|----------------------------------------------------------|--------
|        9        |     Bewick Swan
                                                |     Not Started     |
|-----------------|----------------------------------------------------------|--------
|       10        |     Black Swan
                                                    |     Not Started     |
|-----------------|----------------------------------------------------------|--------
|       11        |     Albert Einstein
                                                |     Not Started     |
|-----------------|----------------------------------------------------------|--------
|       12        |     Albert Mouse
                                                    |     Not Started     |
|-----------------|----------------------------------------------------------|--------
|       13        |     Donald Duck Senior
                                                |     Not Started     |
|-----------------|----------------------------------------------------------|--------
|       14        |     Egbert Einstein
                                                |     Not Started     |
|-----------------|----------------------------------------------------------|--------

Total competitors yet to start: 14

*****************************************
Welcome , please select an option:

*****************************************
```

```
  1. Display competitors yet to start
  2. Display competitors out of courses
  3. Display finished competitors
  4. Enter competitor checkpoint time
  5. Load time log file into system
  6. Display event results list
  7. Display specific competitor status
  8. Exit Program
*****************************************
2

|  Competitor No   |                              Competitor Name
                    |    Current Status   |
|==================|===================================================|=========
```

No competitors are currently on the course

```
*****************************************
Welcome, please select an option:

*****************************************
  1. Display competitors yet to start
  2. Display competitors out of courses
  3. Display finished competitors
  4. Enter competitor checkpoint time
  5. Load time log file into system
  6. Display event results list
  7. Display specific competitor status
  8. Exit Program
*****************************************
3

|  Competitor No   |                              Competitor Name
                    |    Current Status   |
|==================|===================================================|=========
```

No competitors have currently finished.

```
*****************************************
Welcome, please select an option:

*****************************************
  1. Display competitors yet to start
  2. Display competitors out of courses
  3. Display finished competitors
```

```
  4. Enter competitor checkpoint time
  5. Load time log file into system
  6. Display event results list
  7. Display specific competitor status
  8. Exit Program
*****************************************
7
Enter required competitor number:
3

Competitor 3 (Jemima Julieta Mouse) -> Current Status: Not Started,
    Current Progress: 0, Start Time: N/A, End Time: N/A


*****************************************
Welcome, please select an option:

*****************************************
  1. Display competitors yet to start
  2. Display competitors out of courses
  3. Display finished competitors
  4. Enter competitor checkpoint time
  5. Load time log file into system
  6. Display event results list
  7. Display specific competitor status
  8. Exit Program
*****************************************
7
Enter required competitor number:
14

Competitor 14 (Egbert Einstein) -> Current Status: Not Started, Current
    Progress: 0, Start Time: N/A, End Time: N/A


*****************************************
Welcome, please select an option:

*****************************************
  1. Display competitors yet to start
  2. Display competitors out of courses
  3. Display finished competitors
  4. Enter competitor checkpoint time
  5. Load time log file into system
  6. Display event results list
  7. Display specific competitor status
```

```
  8. Exit Program
*****************************************
5

Enter time file name: /dcs/dap/CS23710_DATA/event_1/cp_times_1.txt

*****************************************
Welcome, please select an option:

*****************************************
  1. Display competitors yet to start
  2. Display competitors out of courses
  3. Display finished competitors
  4. Enter competitor checkpoint time
  5. Load time log file into system
  6. Display event results list
  7. Display specific competitor status
  8. Exit Program
*****************************************
6


|  Competitor No   |                            Competitor Name
                   |   Current Status  |   Start Time  |   End Time   |
|=================|===================================================|==========
|        1         |   Donald Duck
                                       |      Track 11          |
    07:30     |    N/A       |
|-----------------|----------------------------------------------------|---------

|        2         |   Mickey Mouse
                                       |      Track 11          |
    07:35     |    N/A       |
|-----------------|----------------------------------------------------|---------

|        3         |   Jemima Julieta Mouse
                                       |     Track 14          |      07:39      |
       N/A        |
|-----------------|----------------------------------------------------|---------

|        4         |   Minnie Duck
                                       |      Junction 12      |
    07:43     |    N/A       |
|-----------------|----------------------------------------------------|---------

|        5         |   Minnie Mouse
```

5

		Junction 11	07:47	N/A
6	Minnie Mouse Junior	Junction 11	07:51	N/A
7	Deputy Doug	Track 5	07:56	N/A
8	Deputy Duck	Track 4	08:01	N/A
9	Bewick Swan	Track 12	08:05	N/A
10	Black Swan	Checkpoint 9	08:10	N/A
11	Albert Einstein	Track 11	08:14	N/A
12	Albert Mouse	Track 3	08:18	N/A
13	Donald Duck Senior	Track 11	08:22	N/A
14	Egbert Einstein	Track 11	08:26	

```
        |     N/A       |
|------------------|---------------------------------------------------------------|---------

****************************************
Welcome , please select an option:

****************************************
  1. Display competitors yet to start
  2. Display competitors out of courses
  3. Display finished competitors
  4. Enter competitor checkpoint time
  5. Load time log file into system
  6. Display event results list
  7. Display specific competitor status
  8. Exit Program
****************************************
4
Enter required competitor number:
1

Enter checkpoint number:
1

Enter recorded for checkpoint time (HH:MM):
09:02

****************************************
Welcome , please select an option:

****************************************
  1. Display competitors yet to start
  2. Display competitors out of courses
  3. Display finished competitors
  4. Enter competitor checkpoint time
  5. Load time log file into system
  6. Display event results list
  7. Display specific competitor status
  8. Exit Program
****************************************
6

| Competitor No   |                           Competitor Name
                  |   Current Status  |   Start Time  |   End Time   |
|=================|===============================================================|==========

|        1        |     Donald Duck
```

```
                                         |     Finished     |
    07:30     |     09:02     |
|-----------------|----------------------------------------------------------|---------



*****************************************
Welcome , please select an option:

*****************************************
  1. Display competitors yet to start
  2. Display competitors out of courses
  3. Display finished competitors
  4. Enter competitor checkpoint time
  5. Load time log file into system
  6. Display event results list
  7. Display specific competitor status
  8. Exit Program
*****************************************
5


Enter time file name: /dcs/dap/CS23710_DATA/event_1/cp_times_2.txt

*****************************************
Welcome , please select an option:

*****************************************
  1. Display competitors yet to start
  2. Display competitors out of courses
  3. Display finished competitors
  4. Enter competitor checkpoint time
  5. Load time log file into system
  6. Display event results list
  7. Display specific competitor status
  8. Exit Program
*****************************************
6

|  Competitor No   |                         Competitor Name
                   |   Current Status   |   Start Time   |   End Time   |
|==================|===============================================================|=========

|        1         |   Donald Duck
                                       |     Finished     |
    07:30     |     09:02     |
|-----------------|----------------------------------------------------------|---------
```

2	Mickey Mouse	Finished	07:35	09:34
3	Jemima Julieta Mouse	Finished	07:39	09:42
4	Minnie Duck	Finished	07:43	09:46
5	Minnie Mouse	Finished	07:47	10:05
6	Minnie Mouse Junior	Finished	07:51	09:58
7	Deputy Doug	Finished	07:56	10:02
8	Deputy Duck	Finished	08:01	10:11
9	Bewick Swan	Finished	08:05	09:56
10	Black Swan	Finished	08:10	10:09
11	Albert Einstein			

```
                                                              |      Finished       |        08:14
        |     10:26    |
|-----------------|-----------------------------------------------------------------|---------
|       12        |     Albert Mouse
                                          |       Finished        |
    08:18     |     10:23    |
|-----------------|-----------------------------------------------------------------|---------
|       13        |     Donald Duck Senior
                                          |       Finished        |       08:22
     |     10:33    |
|-----------------|-----------------------------------------------------------------|---------
|       14        |     Egbert Einstein
                                          |       Finished        |       08:26
        |     10:20    |
|-----------------|-----------------------------------------------------------------|---------

*****************************************
Welcome , please select an option:

*****************************************
  1. Display competitors yet to start
  2. Display competitors out of courses
  3. Display finished competitors
  4. Enter competitor checkpoint time
  5. Load time log file into system
  6. Display event results list
  7. Display specific competitor status
  8. Exit Program
*****************************************
8

Exiting program..

RUN SUCCESSFUL (total time: 7m 6s)
```