

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	
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|-----|-----

	14		Egbert Einstein		Not Started	
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|-----|-----

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

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
			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

08:18	N/A	Track 3
13	Donald Duck Senior	Track 11
N/A		08:22
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	09:42	07:39

	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	
		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)