Testing

A3.1a → same as A3.2.1

1. Start\_Alarm properly working.

Alarm> Start\_Alarm(10): Group(50) 50 test1

Alarm(10) Inserted by Main Thread -1190711672 Into Alarm List at 1586143545: Group(50) test1

2. Start\_Alarm request with wrong format.

Alarm> Start\_Alarm: Group(10) 500 Wrongformat1 //no Alarm\_Id

Bad Command

Alarm> Start\_Alarm: Group() 500 Wrongformat2 //no Group\_Id

Bad Command

Alarm> Start\_Alarm(10): Group(20) 50 //no message

Bad Command

Alarm> Start\_Alarm(10): Group(20) Wrongformat4 //no time

Bad Command

A3.1b → same as A3.2.2

1. Change\_Alarm properly working.

Alarm> Start\_Alarm(10): Group(10) 50 Test1

Alarm(10) Inserted by Main Thread 399906376 Into Alarm List at 1586144078: Group(10) Test1

Alarm> Change\_Alarm(10): Group(20) 50 Change1

Display Thread <thread-id> Has Stopped Printing Message of Alarm(10) at 1586144128: Changed Group(20) Change1

Alarm(10) Changed at 1586144096: Group(20) Change1

2. Change\_Alarm wrong format

Alarm> Change\_Alarm: Group(10) 10 Wrongformat1 //no Alarm\_Id

Bad Command

Alarm> Change\_Alarm(10): Group 50 Wrongformat2 //no Group\_Id

Bad Command

Alarm> Change\_Alarm(10): Group(50) 50 //no message

Bad Command

Alarm> Change\_Alarm(10): Group(50) Wrongformat4 //no time

Bad Command

A3.3A (NOT Possible we do not have display thread responsible for this action)

A3.3A (NOT Possible we do not have remove methods removing alarms that are expired)

A3.5

1. Same Alarm\_ID, BUT different Group\_ID for Change request.

Alarm> Start\_Alarm(50): Group(50) 500 Test

Alarm(50) Inserted by Main Thread 1883273000 Into Alarm List at 1586144841: Group(50) Test

Alarm> Change\_Alarm(50): Group(10) 500 differentGroup

Display Thread <thread-id> Has Stopped Printing Message of Alarm(50) at 1586145341: Changed Group(10) differentGroup

2. Same Alarm\_ID, AND same Group\_ID

Alarm> Start\_Alarm(10): Group(10) 500 Test2

Alarm(10) Inserted by Main Thread 1883273000 Into Alarm List at 1586144904: Group(10) Test2

Alarm> Change\_Alarm(10): Group(10) 500 sameGroup

Alarm(10) Changed at 1586144927: Group(10) sameGroup