App Enhancements

(Document best viewed in Ms-Word with Navigation Pane enabled to jump through the sections topics)

1. Room Building & Location Enhancement Change

Application Previews

Room Add Page

List

Rooms Information Page

Room Schedule Page

```
ROOM SCHEDULE PAGE

Note:
Refer Today's date time stamp at top left corner and schedule accordingly.
Input of Date should be in "HYYYY-mm-dd" - (e-g): 2018-02-28
Input of Date should be in "HYYY-mm-dd" - (e-g): 10:10 and is in 24 hours format

Start Date should not be before current date and should not be more than 30 days from now

Start and End Time should be minimutes such that minutes are of round figures like HH:00 or HH:15 or HH:30 or HH:45

Start and End Time difference should be minimum of 15 minutes and maximum of 60 minutes

Start Date (YH) mm-dd): 2018-03-30

Start Date (HH:NW): 03:13

Start Date (HH:NW): 03:13

Start Date (HH:NW): 03:15

Successfully scheduled meeting!

Redirecting to Home Page Menu...
```

Scheduled Room Info Page

Vivek Vellaiyappan Surulimuthu – Assignment 6 https://github.com/vivekVells/MSCS721-roomScheduler

UNIT TESTING RESULTS

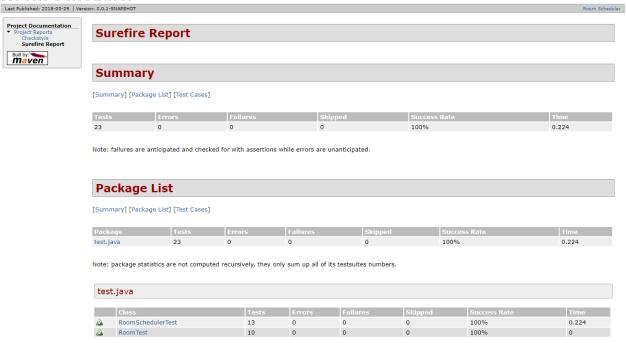
As of 29^{th} March 2018. (Refer the Maven SureFire Report section below STATIC TOOL ANALYSIS in this document titled "Take 2: as of 29^{th} March 2018" to view the test site output)

Maven Results
TESTS
Tests run: 13, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.608 sec
Running test.java.RoomTest
Tests run: 10, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.001 sec
Results:
Tests run: 23, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 27.485 s
[INFO] Finished at: 2018-03-29T01:42:05-04:00
[INFO] Final Memory: 40M/317M
[INFO]

Maven SureFire Report

Take 2: as of 29th March 2018

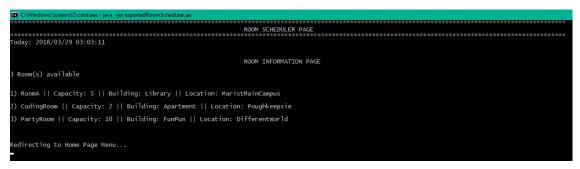
Room Scheduler



2. Revealing Rooms based on user's input date-time duration

Application Previews

Available Room Information – List Rooms Option



Scheduled Room Information Page – List Scheduled Room Option

 Note the CodingRoom here. It alone being scheduled. So, when the user inputs the same timing date rage of this CodingRoom and requests to reveal all available rooms that does not conflict the given timing date range, the program should reveal all rooms except CodingRoom (refer next image)

Schedule Room Page – Schedule Room Option

- Note here that all rooms are revealed except CodingRoom (3) Program is working fine.

```
ROOM SCHEDULER PAGE

Today: 2018/03/29 03:03:07

ROOM SCHEDULE PAGE

Do you wish to reveal all the available rooms based on your desired timings? Y/N: Y

Note:
Merier Today's date time stamp at top left corner and schedule accordingly.
Input of Date should be in "HH-HM" - (e-g): 2018-02-28
Input of Time should be in "HH-HM" - (e-g): 2018-02-28
Input of Time should be before current date and should not be more than 30 days from now
Start and End Time should have minutes such that minutes are of round figures like HH:00 or HH:15 or HH:30 or HH:45
Start Date (yyyy-mm-dd): 2018-04-01
Start Time (HH:HM): 04:30
Subject: CodingsoomshouldNotdeshown

Room already booked in this date & timing range...

Room already booked in this timing range...

Available Rooms in the scheduled range you provided are listed below:

Soo Room Name

2 PartyRoom

Input the ROOM NAME to which the meeting to be scheduled: RoomA

Successfully scheduled meeting!

Redirecting to Home Page Menu...
```

Vivek Vellaiyappan Surulimuthu – Assignment 6 https://github.com/vivekVells/MSCS721-roomScheduler

Scheduled Room Information Page – List Scheduled Rooms Option

- Note that the room scheduling worked as intended. "ALL_ROOMS" reveals all the available rooms.

Project Link: https://github.com/vivekVells/MSCS721-roomScheduler

Submitted by: Vivek Vellaiyappan Surulimuthu

On: March 29th 2018