Table 1. Amount of time the room is used (with system)

|  |  |
| --- | --- |
| DAY | Time (min) |
| Monday | 507 |
| Tuesday | 629 |
| Wednesday | 453 |
| Thursday | 652 |
| Saturday | 273 |
| **TOTAL:** | **2514** |

Table 1 shows the amount of time the room is used with our system. This data is based on the gathered through our system.

Table 2. Amount of time the room is used (without system)

|  |  |
| --- | --- |
| DAY | Time (min) |
| Monday | 540 |
| Tuesday | 630 |
| Wednesday | 540 |
| Thursday | 630 |
| Saturday | 360 |
| **TOTAL:** | **2700** |

Table 2 shows the amount of time the room is used without our system and is based on the rooms actual schedule. The amount of time is calculate in the assumption that the room will only be used during the alloted schedule.

As shown in Table 1 and 2, the amount of time a room is being used decreased when it is using our system. This shows that when using our system, the amount of running time is decreased thus preventing excessive use of the room's devices and decreasing the room's power consumption. Based on the table above, our system affected the amount of usage of the room's power consumption by 6.8%.

Table 3.

|  |  |  |
| --- | --- | --- |
| MON – 2016-03-23 | | |
| Time | Status | Amount of time user is present (min) |
| 10:31 AM | ON | 60 |
| 11:31 AM | OFF |
| 11:32 AM | ON | 28 |
| 12:00 PM | OFF |
| 01:00 PM | ON | 70 |
| 02:10 PM | OFF |
| 02:10 PM | ON | 51 |
| 03:01 PM | OFF |
| 03:32 PM | ON | 119 |
| 05:31 PM | OFF |
| 05:31 PM | ON | 179 |
| 07:30 PM | ON |
| 08:30 PM | OFF |
| **TOTAL:** | | **507** |

|  |  |  |
| --- | --- | --- |
| WED – 2016-03-25 | | |
| Time | Status | Amount of time user is present (min) |
| 11:04 AM | ON | 39 |
| 11:06 AM | ON |
| 11:43 AM | OFF |
| 11:44 AM | ON | 16 |
| 12:00 PM | OFF |
| 12:36 PM | ON | 146 |
| 03:02 PM | OFF |
| 03:54 PM | ON | 251 |
| 08:05 PM | OFF |
| 08:33 PM | ON | 1 |
| 08:34 PM | OFF |
| **TOTAL:** | | **453** |

|  |  |  |
| --- | --- | --- |
| TUE – 2016-03-24 | | |
| Time | Status | Amount of time user is present (min) |
| 07:35 AM | ON | 99 |
| 09:14 AM | OFF |
| 09:14 AM | ON | 37 |
| 09:50 AM | ON |
| 09:51 AM | OFF |
| 09:51 AM | ON | 31 |
| 10:22 AM | OFF |
| 10:23 AM | ON | 99 |
| 12:02 PM | OFF |
| 01:32 PM | ON | 363 |
| 07:35 PM | OFF |
| **TOTAL:** | | **629** |

|  |  |  |
| --- | --- | --- |
| THU – 2016-03-27 | | |
| Time | Status | Amount of time user is present (min) |
| 07:44 AM | ON | 39 |
| 08:23 AM | OFF |
| 08:24 AM | ON | 521 |
| 02:45 PM | ON |
| 05:05 PM | OFF |
| 06:00 PM | ON | 92 |
| 07:32 PM | OFF |
| **TOTAL:** | | **652** |

|  |  |  |
| --- | --- | --- |
| SAT – 2016-03-26 | | |
| Time | Status | Amount of time user is present (min) |
| 12:30 PM | ON | 4 |
| 12:34 PM | OFF |
| 12:34 PM | ON | 108 |
| 02:22 PM | OFF |
| 02:22 PM | ON | 25 |
| 02:47 PM | OFF |
| 02:47 PM | ON | 57 |
| 03:44 PM | OFF |
| 03:45 PM | ON | 36 |
| 04:21 PM | OFF |
| 04:22 PM | ON | 5 |
| 04:27 PM | OFF |
| 04:27 PM | ON | 38 |
| 05:05 PM | OFF |
| **TOTAL:** | | **273** |

|  |  |
| --- | --- |
| Monday | |
| Time | Amount of time user is present (min) |
| 10:30 AM | 90 |
| 12:00 PM |
| 12:30 PM | 150 |
| 03:00 PM |
| 03:30 PM | 300 |
| 8:30 PM |
| **TOTAL:** | **540** |

|  |  |
| --- | --- |
| Tuesday | |
| Time | Amount of time user is present (min) |
| 07:30 AM | 270 |
| 12:00 PM |
| 01:30 PM | 360 |
| 07:30 PM |
| **TOTAL:** | **630** |

|  |  |
| --- | --- |
| Wednesday | |
| Time | Amount of time user is present (min) |
| 10:30 AM | 90 |
| 12:00 PM |
| 12:30 PM | 150 |
| 03:00 PM |
| 03:30 PM | 300 |
| 8:30 PM |
| **TOTAL:** | **540** |

|  |  |
| --- | --- |
| Thursday | |
| Time | Amount of time user is present (min) |
| 07:30 AM | 270 |
| 12:00 PM |
| 01:30 PM | 360 |
| 07:30 PM |
| **TOTAL:** | **630** |

|  |  |
| --- | --- |
| Saturday | |
| Time | Amount of time user is present (min) |
| 12:30 PM | 360 |
| 06:30 PM |
| **TOTAL:** | **360** |