Timer\_Table

Richard Rivera

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| **Column Name** | **Data Type** | **Description** |
| ROW\_ID | Integer | This is the primary key, it cannot be null and should auto increment by 1 each time a row is entered |
| DEVICE\_ID | Varchar of 25 characters | This is a unique device id |
| TIMERS\_CREATED | Integer | How many timers have been created |
| TOTAL\_TIME | Float | All the times of the timers added together. |
| AVG\_TIME | Float | Average time of all of the timers |

Tilt\_Table

Rachael Strehlow

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| Column Name | Data Type | Description |
| ROW\_ID | Integer | This is the primary key, it cannot be null and should auto increment by 1 each time a row is entered. |
| DEVICE\_ID | Varchar 25 char | This is a unique device id. |
| TILT\_ACTIVE | Boolean | This shows whether there is a tilt. |
| BUTTON\_ACTIVE | Boolean | This shows whether the button has been pressed. |

Darian Thomas

Thermostat

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| Column Name | Data Type | Description |
| ROW\_ID | Integer | This is the primary key, it cannot be null and should auto increment by 1 each time a row is entered. |
| DEVICE\_ID | Varchar 25 char | This is a unique device id. |
| Temp\_ACT | Float | This shows the temperature in celcius and farenheit |
| Temp\_Time | DATE | This shows the recorded time when the temperature exceeded the threshold |

Omar Vallejo

Flame\_Table

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| **Column\_Name** | **Data Type** | **Description** |
| Row\_ID | Int | This is the primary key, it cannot be null and should auto increment by 1 each time a row is entered |
| Device\_ID | Varchart 25 | This is a unique device id. |
| Fire\_Detection | Varchart 25 | Identifies if a fire is detected or not. |
| Time\_Lit | Int | Counts how long the fire was going for. |

Data will transmit every 15 seconds.

Tiffany Watson

Light\_Table

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| **Column\_Name** | **Data Type** | **Description** |
| ROW\_ID | Int | This is the primary key, it cannot be null and should auto increment by 1 each time a row is entered |
| DEVICE\_ID | Varchar 25 | This is a unique device id. |
| LIGHT\_SWITCH | Int | This shows when the light turns on. |
| LIGHT\_TIME | Int | This keeps up with how long the light stays on. |