

MILESTONE 3

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DBMS software

We use mySQL and XAMPP to manage our database. When managing our data using the terminal we are using mariadb. Here is a script we used to create our database in the terminal using MariaDB:

```
create table if not exists stats (  
id int(1) not null auto_increment,  
temperature float not null,  
humidity float not null,  
bPressure float not null,  
lightSensitivity float not null,  
primary key (id)  
) ENGINE=MyISAM DEFAULT CHARSET=utf8 AUTO_INCREMENT=7;
```

To add default data:

```
insert into Tempshit (id, temperature, humidity, berometer, lightSensor)  
values  
(1, 11.11, 15, 00.00, 12.34),  
(2, 11.12, 16, 00.00, 12.34),  
(3, 11.13, 17, 00.00, 14.50),  
(6, 11.14, 18, 00.00, 0.1),  
(5, 11.15, 19, 00.00, 0.2)  
;
```

Database Diagram:

```
MariaDB [jarzz]> SELECT * FROM Tempshit;
```

This is our table

id	temperature	humidity	berometer	lightSensor
1	11.11	15.00	0.00	12.34
2	11.12	16.00	0.00	12.34
3	11.13	17.00	0.00	14.50
5	11.15	19.00	0.00	0.20
6	11.14	18.00	0.00	0.10

5 rows in set (0.00 sec)

Scripts to create your database, tables, columns – Scripts to populate your database with data – Database Design Diagram • Visually depicts the structures within your database and their

relationships to each other • Preferably an Entity Relationship Diagram

