

The 24/7 Gradner Database ER Daigram

T.J. Fitzpatrick | March 8, 2022

| User |
|----------|
| User_ID |
| Fname |
| Lname |
| Email |
| Password |
| Rold_ID |

| Garden |
|-------------|
| GardenID |
| Garden Type |
| User ID |
| Plant ID |

| Sensor Comission Table |
|------------------------|
| Commission ID |
| Sensor ID |
| Commission Date |
| GardenID |
| Sensor Type |

| Pump Log |
|-----------------|
| Pump ID |
| UserID |
| Timestamp Start |
| Garden ID |
| Timestamp Stop |

| Role |
|-----------|
| Role_ID |
| User Id |
| Role Type |

| Plant Table |
|-------------|
| Plant Id |
| Plant Name |

| Sensor Decommission Table |
|---------------------------|
| Decommission ID |
| Sensor ID |
| Decommission Date |
| Commission ID |

| User Log |
|---------------------|
| User_ID |
| Timestamp Logged In |

| Normal Digital Sensor |
|-----------------------|
| Sensor ID |
| Sensor Name |
| Sensor Type |
| Sensor Reading PIN |

| SPI Sensor |
|----------------|
| Sensor ID |
| Sensor Name |
| Sensor Type |
| Sensor Address |

| Error Log |
|-------------|
| ErrorID |
| SensorID |
| Time Stamp |
| ErrorType |
| Error Level |

| Sensor Service Table |
|----------------------|
| ServiceID |
| Sensor ID |
| Service Date |

| 1 Wire Sensor |
|--------------------|
| Sensor ID |
| Sensor Name |
| Sensor Type |
| Sensor Reading PIN |

| I2C Sensor |
|----------------|
| Sensor ID |
| Sensor Name |
| Sensor Type |
| Sensor Address |

| Pump |
|-----------|
| PumpID |
| Pump Name |

| Plant Feed |
|------------|
| FeedID |
| FeedType |