# Client Table

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Use/Reasons |
| ClientID | Integer | The ID for each client, primary key of this table, is auto increment |
| ClientName | Text | Stores the name of the client company |

# User Table

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Use/Reasons |
| UserID | Integer | The ID for each user, primary key for this table, auto increment |
| ClientID | Integer | Foreign key from the client table |
| FirstName | Text | Stores the user’s first name |
| LastName | Text | Stores the user’s last name |
| Username | Text | Stores the user’s username |
| Password | Text | Stores the user’s password |
| email | Text | Stores the user’s email |
| Permission | Text | Stores the user’s permission level |

# Graph Table

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Use/Reasons |
| GraphID | Integer | The ID for each graph, primary key for this table, auto increment |
| ClientID | Integer | Foreign key from the client table |
| GraphName | Text | Stores the name of the graph |
| GraphType | Text | Stores the type of graph being stored |
| GraphText | Text | Stores the text that will go along with the graph, if not needed can be left null |
| XAxisName | Text | Stores the name of the x axis if needed, if not needed can be left null |
| YAxisName | Text | Stores the name of the y axis if needed, if not needed can be left null |

# Data Table

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Use/Reasons |
| DataID | Integer | The ID of the data, primary key of this table |
| GraphID | Integer | Foreign key from the graph table |
| DataValue | Text | The value of the data stored |
| DataText | Text | Any text that needs to be loaded with the data (for bar charts .etc). can be left null if not needed |
| DataType | Text | Stores what the data will be used for. An example would be for the angular gauge, the data might be used for the minimum value, the maximum value or the value shown |

# GraphOrderUser Table

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Use/Reasons |
| UserID | Integer | Foreign key from the user table |
| GraphID | Integer | Foreign key from the graph table |
| Position | integer | Stores the position of the graph on the user’s personal dashboard (Ask Alex or Reef for an explanation) |

# GraphOrderClient Table

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Use/Reasons |
| ClientID | Integer | Foreign key from the Client table |
| GraphID | Integer | Foreign key from the graph table |
| Position | integer | Stores the position of the graph on the user’s personal dashboard (Ask Alex or Reef for an explanation) |