

# Crave Database Installation Manual

## (Requires Windows and Excel)

This manual will guide you through the process of creating and populating the database required to make full use of our Java application, Crave. These steps require the use of MySQL for Excel, which can be downloaded using the MySQL installer. The installer is available for download [here](#).

### Setup

1. Create a new database schema in MySQL with the name "restaurantsApp".
2. Run the provided SQL script named "restaurant\_creation".
4. Open the provided Excel file named "restaurantAppdata" and enable editing.
5. Navigate to the "Data" tab near the top and click the "MySQL for Excel" icon.
6. In the MySQL sidebar that appears, double click your local connection followed by the restaurantsApp schema, resulting in a list of the tables created by the script.

### Data Insertion

For the following steps, you must select the Excel tab and database table specified by the header and use the "Append Excel Data to Table" feature in the MySQL for Excel sidebar after highlighting the columns of data applicable. This will open an interface that will allow you to insert Excel columns as tuples in the database. You will need to drag each Excel column to its corresponding attribute column in the table and click "Append". When highlighting columns, do not include the first row that contains the title of the column, only the data rows.

### **I – Select Tab / Table: "restaurants"**

- Append both columns, placing column A/1 in "name" and B/2 in "address"

### **II – Select Tab / Table: "dishes"**

- Append column A/1, placing it in the "name" column.

### **III – Select Tab / Table: "origins"**

- Append column A/1, placing it in the "name" column.

### **IV – Select Tab / Table: "types"**

- Append column A/1, placing it in the "name" column.

### **V – Select Tab / Table: "regions"**

- Append column A/1, placing it in the "name" column.

### **VI – Select Tab / Table: "restaurantorigin"**

- Append both columns, placing column A/1 in "rID" and B/2 in "oID".

### **VII – Select Tab / Table: "locatedin"**

- Append both columns, placing column A/1 in "resID" and B/2 in "regID".

### **VIII – Select Tab / Table: "dishorigin"**

- Append both columns, placing column A/1 in "dID" and B/2 in "oID".

### **IX – Select Tab / Table: "dishtype"**

- Append both columns, placing column A/1 in "dID" and B/2 in "tID".

### **X – Select Tab / Table: "serves"**

- Append column A/1 in "rID", column B/2 in "dID", column C/3 in "price" and finally column D/4 in "description".

Upon completion, you may now run the provided .jar file, register a username and password under your name, and execute a search that returns real results. Enjoy!