# **Database indexes:**

## The following is a list of tables and the fields that have an index attached to them.

# **Table: *Categories***

The CatID field is the primary key is therefore an indexed field without duplicates.

The Category field is also a field with and index allowing for no duplicates.

# **Table: *Products***

The ProductID field is the primary key and is indexed with no duplicates.

The CatID field is the foreign key for the Categories table. It is indexed allowing for duplicates.

The Plant\_Name field is also indexed as you would want to be able to search by the plant name. This field allows for no duplicates.

# **Table: *Users***

The UserID field is the primary key and is indexed with no duplicates.

The Last\_Name field is indexed with no duplicates to allow for a search feature using this field.

The Zip\_Code field is also indexed as you would want to be able to search by the Zip Code. This field allows for no duplicates.

# **Table: *Cart***

This table has no primary key.

The ProductID is the foreign key for the Products table. This field is indexed allowing for duplicates

The UserID field is also indexed as you would want to be able to search by the UserID. This field allows for no duplicates.

# **Table: *Invoices***

The InvoiceID field is the primary key for this table. It is automatically indexed as you would want to search for invoices by this ID.

The UserID field is also indexed as you would want to be able to search by the UserID. This field allows for duplicates, as one user could have multiple invoices.