**Installation Information:**

Installing the application:

* Login to account on XCode on Laptop
* Make sure provisioning profile is set to the account you just logged into.
* Try to launch application on selected device (make sure it’s the physical device and not a simulator)
* The application may fail, in that case
  + Open the device and go to General -> Device Management -> Go to Your Account -> Select “Trust” on the application

Installation of the Database:

* Contact your IT professional or set up the database via online tutorials using the SQL files provided within the GitHub repository (hosted by one of the creators at <https://github.com/kimpflerze/MCC-Mouse-Tracker/tree/development> or via a GitHub hosting the same content owned by a MCC or VCU IT member).
* Access the database via some SQL workbench application (ea. MySQL Workbench)
  + Enter the following commands (Accessible on the above listed GitHub repository in “/SQL/README.md”)
    - insert into generic\_cage values ('ORIGIN', '2000-1-1 12:00:00.000', 0, 0, 0, 0);
    - insert into settings values (1, 10, 6, 3, 30, 30, 30, 100, 100, 2.50, 2.50, 2.50, 30, 30, 30, 30, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 3, 4, 5, 6);
    - insert into time\_units values (1, 'Days');
    - insert into time\_units values (2, 'Weeks');
    - insert into time\_units values (3, 'Months');
    - insert into time\_units values (4, 'Years');
    - insert into alert\_type values (1, 'Wean Cage');
    - insert into alert\_type values (2, 'Old Breeding Male');
    - insert into alert\_type values (3, 'Old Breeding Female');
  + The SQL statements will create the data necessary for the application to work on first usage.
    - The SQL statements above include starter settings that can be adjusted within the application. The commands also fill tables that contain time unit translations used within the application as well as a genesis cage to allow the creation of new cages.
      * When creating a new stock or breeding cage, manually input the current date for the DOB table, and if a “parent ID” is required enter “ORIGIN” as the ID.

To Update URL’s That Point to The Database:

This portion is for the application should the database hosting service be moved somewhere else.

The URLs have been labeled as accurately as possible to describe what they do and where they point to in the database. These URLs can be located at the top of the QueryServer.swift file located in the application. Open the specified file, enter the new URLs where the old ones existed previously (Be sure to use the same names! This is of utmost importance, without the same names, the application will NOT function!) Then, once the URLs have been updated, you must follow the above instructions labeled “Installing the application.”