**Modifying Data in Database**

**Within MySQL Workbench**

(SKIP THIS STEP IF YOU’VE ALREADY CREATED A CONNECTION)

**Creating Connection to Database**

Add "New Server Instance." This will be instance of actual sharklab database.

- select "Remote Host"

- Address: [www.csulbsharklab.com](http://www.csulbsharklab.com)

- click Next

- Give your connection a name, I named it [www.csulbsharklab.com](http://www.csulbsharklab.com)

- Connection Method: Standard (TCP/IP)

- Hostname: [www.csulbsharklab.com](http://www.csulbsharklab.com/)

- Port: 3306

- Username: csulbsha\_shark

- Password: acoustictelemetry

- click Next

- Select "Do not use remote management", click next

- Name your instance name. I named it [www.csulbsharklab.com](http://www.csulbsharklab.com)

Now that you have a connection set up, you can add/remove and modify data entries in the database.

**Add/Remove Data**

Open connection to database by double clicking **csulbsharklab** under the section “Open Connection to Start Querying.” A new tab will open.

- expand “csulbsha\_sharktopus” in the object browser.

- expand “Tables.” This will list all the tables that are in your database.

Now that we have a list of all the tables, we can manage their contained data.

- right click the **projects\_members** table and select “Edit Table Data”. All data associated with **projects\_members** will be displayed

- lets **ADD** member **5** to the **White\_Shark** project. In a new row, enter **5** under the column **members\_id**.

- enter **White\_Shark** under the column **projects\_name**.

- click the “Apply” button.

The changes are now saved to the database. Let’s now **REMOVE** the row we just added to the **projects\_members** table.

- select the leftmost cell of the row we just added.

- right click the cell and select “Delete Row(s)”

- click the “Apply” button.

The changes are now saved to the database. If you want to edit an existing item in the table, simply select the cell you want to edit and make your changes. (**Note**: Don’t forget to click the “Apply” button, or else your changes won’t be saved to the database)