For my milestone 4 enhancement my goal is to migrate from a local SQLite database to a cloud-based MySQL. This will support scalability, multi-device access, and remote data storage. To begin creating a MySQL database I created an account on a free webhosting website called InfinityFree. Once created I set up a domain called InventoryAppProject and then set up a MySQL database called inventoryapp. In my hosting directory I created PHP scripts that will be used to handle communication between the Inventory app and the MySQL database. These scripts included db\_config.php which includes the information for the server including the name, username, password, and database name. The other PHP scripts I created are get\_items.php, add\_item.php, update\_item.php, and delete\_item.php. These will handle the actions that will be able to be performed when handling the data in the database. Next I added volley to my build,gradle file and created a java class called ApiURLS.java to add the urls for the database. To make sure that I can link my database to the app I also had to make sure that I had internet permission. To do this I went into the AndroidManifest.xml file and added a line that gave permission to connect to the internet. I’m continuing to work on updating the app to make it fully functional and adding all the code to integrate the MySQL database has made it a little more complex. My biggest thing is trying to stay organized with all of the updates and continuing to improve the code to be fully functional.