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CS 499

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Narrative: Enhancement Three Databases

The artifacts chosen are the two from the previous assignments, the Travlr project from the CS 465 Full Stack Development course and the Inventory application from the CS 360 Mobile Architecture and Programming course. These two applications were created in February 2025 and October 2024, respectively. I selected these two items because they both connect to a database and can showcase my skills in connecting to and editing databases. These artifacts were improved by connecting a registration page to a database and successfully adding the new registered user to the database. The inventory database was also successfully updated to display the inventory items in alphabetical order, and a search bar was added with a working search functionality to filter through items in the database. These improvements did end up meeting the course outcomes I had planned from module one. During the process of enhancing and modifying the artifacts I learned that it would be more complicated than anticipated as I had trouble adding the search functionality to inventory items/records with multiple values like item name and item quantity. I eventually got it to work by adding an Item class. Overall, it looks good so far. The images below display the working search functionality through the SQLiteDatabase.

