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CS-499

# Enhancements

## Room Database

The first enhancement was switching from an SQLite database over to a Room database. Room database offers a more simplified version of database operations and offers a more intuitive and developer friendly Api for CRUD operations. Room DB also uses SQLite’s efficiency and performance. Room DB is a more flexible database that can work alongside many different Android components when compared to SQLite.

## Persistent Database

The second enhancement is creating a persistent database. In the original app the database was not persistent, meaning if the user closed the app all their data was lost and not saved. After the enhancement all their data is now saved on the database on the device itself. Now if a user closes the app their data is still stored and can be viewed by opening the app again.

## CRUD Functions

The final enhancement is making all CRUD functions working correctly and have the function alongside the search feature. This is just a small enhancement that works alongside the search function, the search function will now work with any new events and will still function after the app was closed and reopened.