

Database Design for Online Home Inventory Manager

Tacara Solomon

Database Technology Choice:

After receiving feedback and doing additional research, I decided to changed my database from a document database to a relational database (PostgreSQL). I am making this switch because I found relationships between the data by adjusting the data that was being collected about the items. I also decided that it may be best that the users freely update their inventory, as they mayday or remove items from the home more frequently than assumed. For a stretch feature, I am looking into allowing the user to upload and store photos. I initially was going to store a file path of the photos.

E-R Diagram:

Each user will have one Account table that links to an Inventory table. The Inventory table will link to the Rooms table, which will store multiple ItemIDs for the items contained in that room. Each user will have multiple RoomsIDs in the Inventory table.

