Text

Description automatically generated

Tables created.

MYSQL:

DB init

Create DATABASE WHATABOOK;

CREATE USER quincy'@'localhost' IDENTIFIED WITH mysql\_native\_password BY TX1993';

GRANT ALL PRIVILEGES ON WHATABOOK.\* TO : “quincy”@'localhost';

|  |
| --- |
| Create table(s) |
|  | \*/ |
|  | CREATE TABLE store ( |
|  | store\_id INT NOT NULL AUTO\_INCREMENT, |
|  | locale VARCHAR(500) NOT NULL, |
|  | PRIMARY KEY(store\_id) |
|  | ); |
|  |  |
|  | CREATE TABLE book ( |
|  | book\_id INT NOT NULL AUTO\_INCREMENT, |
|  | book\_name VARCHAR(200) NOT NULL, |
|  | author VARCHAR(200) NOT NULL, |
|  | details VARCHAR(500), |
|  | PRIMARY KEY(book\_id) |
|  | ); |
|  |  |
|  | CREATE TABLE user ( |
|  | user\_id INT NOT NULL AUTO\_INCREMENT, |
|  | first\_name VARCHAR(75) NOT NULL, |
|  | last\_name VARCHAR(75) NOT NULL, |
|  | PRIMARY KEY(user\_id) |
|  | ); |
|  |  |
|  | CREATE TABLE wishlist ( |
|  | wishlist\_id INT NOT NULL AUTO\_INCREMENT, |
|  | user\_id INT NOT NULL, |
|  | book\_id INT NOT NULL, |
|  | PRIMARY KEY (wishlist\_id), |
|  | CONSTRAINT fk\_book |
|  | FOREIGN KEY (book\_id) |
|  | REFERENCES book(book\_id), |
|  | CONSTRAINT fk\_user |
|  | FOREIGN KEY (user\_id) |
|  | REFERENCES user(user\_Id) |
|  | ); |
|  |  |
|  | /\* |
|  | insert store record |
|  | \*/ |
|  | INSERT INTO store(locale) |
|  | VALUES('1000 Galvin Rd S, Bellevue, NE 68005'); |
|  |  |
|  | /\* |
|  | insert book records |
|  | \*/ |
|  | INSERT INTO book(book\_name, author, details) |
|  | VALUES('The Return of the King', 'J.R.Tolkien', 'The third part of The Lord of the Rings'); |
|  |  |
|  | INSERT INTO book(book\_name, author, details) |
|  | VALUES('The Fellowship of the Ring', 'J.R.Tolkien', 'The first part of The Lord of the Rings'); |
|  |  |
|  | INSERT INTO book(book\_name, author, details) |
|  | VALUES('The Two Towers', 'J.R.Tolkien', "The second part of The Lord of The Rings"); |
|  |  |
|  | INSERT INTO book(book\_name, author) |
|  | VALUES('The Hobbit or There and Back Again', 'J.R.Tolkien'); |
|  |  |
|  | INSERT INTO book(book\_name, author) |
|  | VALUES('Dune: Deluxe Edition', 'Frank Herbert'); |
|  |  |
|  | INSERT INTO book(book\_name, author) |
|  | VALUES("Charlotee's Web", 'E.B. White'); |
|  |  |
|  | INSERT INTO book(book\_name, author) |
|  | VALUES('The Great Gatsby', 'F. Scott Fitzgerald'); |
|  |  |
|  | INSERT INTO book(book\_name, author) |
|  | VALUES('The Lion, the Witch, and the Wardrobe', 'C.S. Lewis'); |
|  |  |
|  | INSERT INTO book(book\_name, author) |
|  | VALUES('The Catcher and the Rye', 'J.D. Salinger'); |
|  |  |
|  | /\* |
|  | insert user |
|  | \*/ |
|  | INSERT INTO user(first\_name, last\_name) |
|  | VALUES('Thorin', 'Oakenshield'); |
|  |  |
|  | INSERT INTO user(first\_name, last\_name) |
|  | VALUES('Bilbo', 'Baggins'); |
|  |  |
|  | INSERT INTO user(first\_name, last\_name) |
|  | VALUES('Frodo', 'Baggins'); |
|  |  |
|  | /\* |
|  | insert wishlist records |
|  | \*/ |
|  | INSERT INTO wishlist(user\_id, book\_id) |
|  | VALUES ( |
|  | (SELECT user\_id FROM user WHERE first\_name = 'Thorin'), |
|  | (SELECT book\_id FROM book WHERE book\_name = 'The Hobbit or There and Back Again') |
|  | ); |
|  |  |
|  | INSERT INTO wishlist(user\_id, book\_id) |
|  | VALUES ( |
|  | (SELECT user\_id FROM user WHERE first\_name = 'Bilbo'), |
|  | (SELECT book\_id FROM book WHERE book\_name = 'The Fellowship of the Ring') |
|  | ); |
|  |  |
|  | INSERT INTO wishlist(user\_id, book\_id) |
|  | VALUES ( |
|  | (SELECT user\_id FROM user WHERE first\_name = 'Frodo'), |
|  | (SELECT book\_id FROM book WHERE book\_name = 'The Return of the King') |
|  | ); |

VSCODE

