

# WhatABook: Database and Table Creation

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Screenshot of database creation:

```
mysql> CREATE DATABASE whatabook;  
Query OK, 1 row affected (0.05 sec)  
  
mysql>
```

Screenshot of user creation:

```
mysql> CREATE USER 'whatabook_user'@'localhost' IDENTIFIED WITH mysql_native_password BY 'MySQL8IsGreat!';  
Query OK, 0 rows affected, 1 warning (0.03 sec)  
  
mysql>
```

Screenshot of table creation commands:

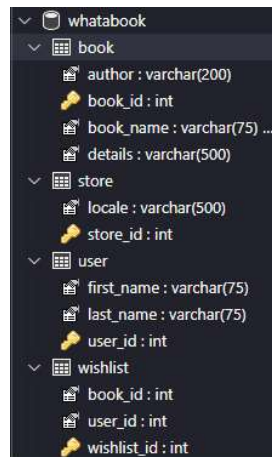
```
CREATE TABLE User (  
  user_id int PRIMARY KEY NOT NULL AUTO_INCREMENT,  
  first_name varchar(75) NOT NULL,  
  last_name varchar(75) NOT NULL  
);
```

```
CREATE TABLE Book (  
  book_id int PRIMARY KEY NOT NULL AUTO_INCREMENT,  
  book_name varchar(75) NOT NULL,  
  details varchar(500) NOT NULL,  
  author varchar(200) NOT NULL  
);
```

```
CREATE TABLE Wishlist (  
  wishlist_id int PRIMARY KEY NOT NULL AUTO_INCREMENT,  
  user_id int NOT NULL,  
  book_id int NOT NULL,  
  FOREIGN KEY (user_id)  
    REFERENCES user(user_id),  
  FOREIGN KEY (book_id)  
    REFERENCES book(book_id)  
);
```

```
CREATE TABLE Store (  
  store_id int PRIMARY KEY NOT NULL,  
  locale varchar(500) NOT NULL  
);
```

Screenshot of database with tables:



Screenshot of population commands:

```

INSERT INTO store (store_id, locale)
VALUES (1, "123 Maple Street - Council Bluffs, IA 51503");

INSERT INTO book (book_id, book_name, author, details)
VALUES (1, "Skulduggery Pleasant", "Derek Landy", "Stephanie Edgley's uncle passed away leaving her a

INSERT INTO book (book_name, author, details)
VALUES ("Playing with Fire", "Derek Landy", "With Serpine dead, the world is safe once more. At least,

INSERT INTO book (book_name, author, details)
VALUES ("The Faceless Ones", "Derek Landy", "As a number of teleporters are mysteriously murdered, Valk

INSERT INTO book (book_name, author, details)
VALUES ("Dark Days", "Derek Landy", "Skulduggery Pleasant is gone, sucked into a parallel dimension ove

INSERT INTO book (book_name, author, details)
VALUES ("Mortal Coil", "Derek Landy", "ASKulduggery Pleasant and Valkyrie Cain are back – just in time

INSERT INTO book (book_name, author, details)
VALUES ("Death Bringer", "Derek Landy", "The Necromancers no longer need Valkyrie to be their Death Bri

INSERT INTO book (book_name, author, details)
VALUES ("Kingdom of the Wicked", "Derek Landy", "Magic is a disease. Across the land, normal people are

INSERT INTO book (book_name, author, details)
VALUES ("Last Stand of Dead Men", "Derek Landy", "War has finally come. But it's not a war between good

INSERT INTO book (book_name, author, details)
VALUES ("The Dying of the Light", "Derek Landy", "The War of the Sanctuaries has been won, but not with

INSERT INTO user (user_id, first_name, last_name)
VALUES (1, "Skulduggery", "Pleasant");

INSERT INTO user (first_name, last_name)
VALUES ("Valkyrie", "Cain");

INSERT INTO wishlist (wishlist_id, user_id, book_id)
VALUES (1,1,1);

INSERT INTO user (first_name, last_name)
VALUES ("Ghastly", "Bespoke");

INSERT INTO wishlist (user_id, book_id)
VALUES (2,4);

INSERT INTO wishlist (user_id, book_id)
VALUES (3,2);
  
```