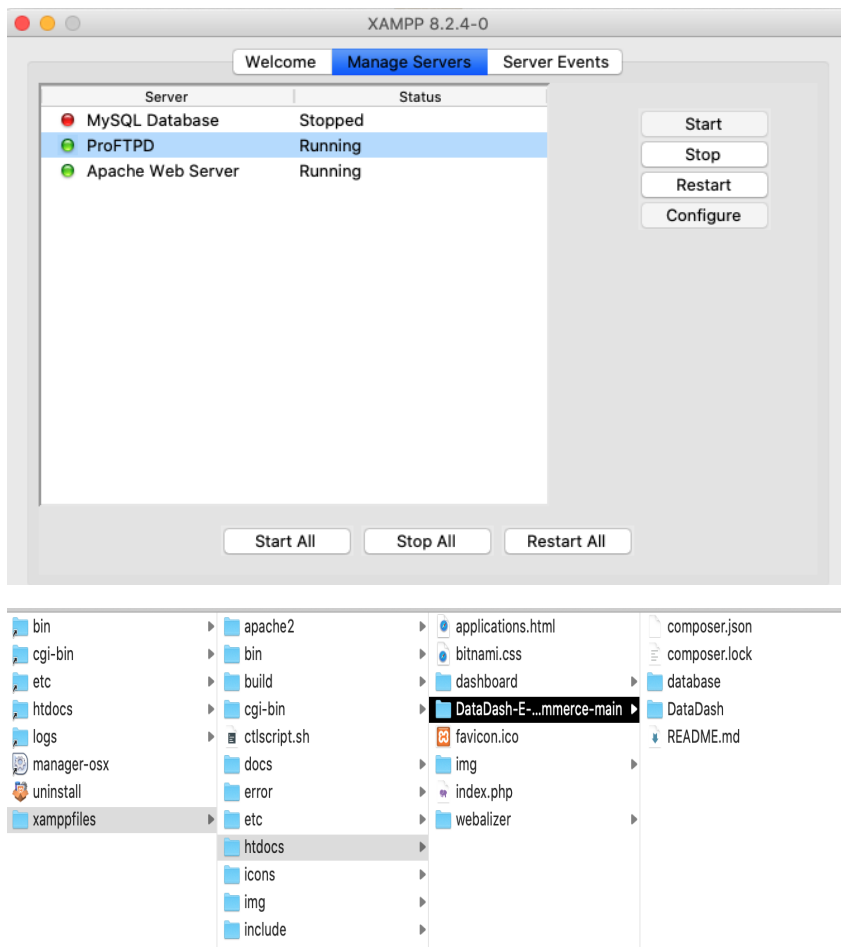


Required Software:

- PHP 8.1 or later
- MySQL 8.0 or later
- Apache Web Server (or another compatible web server)
- Composer (dependency manager)
- Text Editor or IDE (Integrated Development Environment)

Steps:

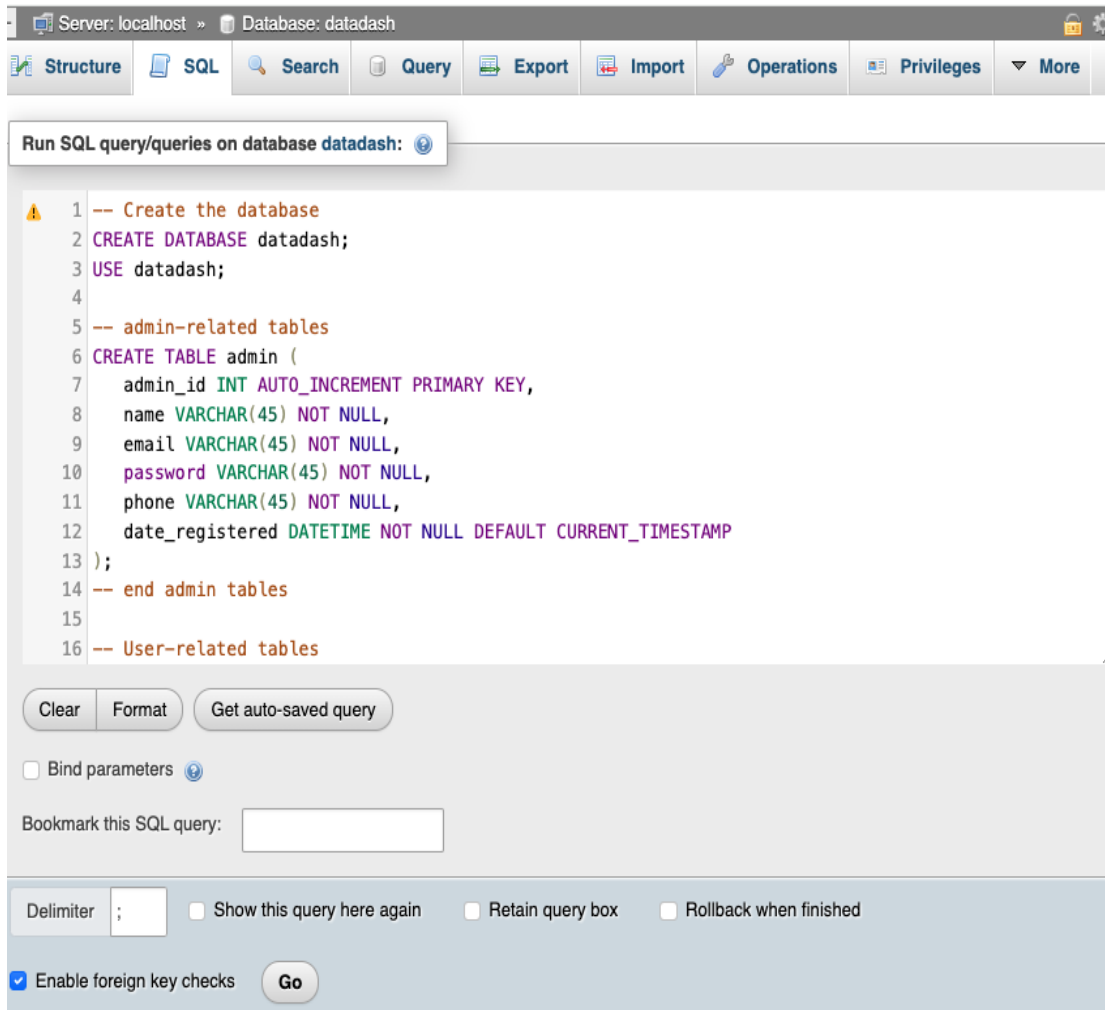
1. Install PHP, MySQL, and Apache.
2. Configure Apache to serve the project directory.



3. Create a MySQL database for DataDash.
4. Import the `schema.sql` file into the database. (Include the actual file path)
5. Clone the repository: `git clone https://github.com/dangamtechno/DataDash-E-commerce`

▼ DATADASH-E-COM...
▼ database
populate_db.sql
schema.sql
DataDash
admin
backend
include
database_config.php
models
cart.php
reviews.php
user.php
utils
vendor
frontend
composer.json
composer.lock
README.md

database > schema.sql
Run on active connection | Select block
1 -- Create the database
2 CREATE DATABASE datadash;
3 USE datadash;
4
5 -- admin-related tables
6 CREATE TABLE admin (
7 admin_id INT AUTO_INCREMENT PRIMARY KEY,
8 name VARCHAR(45) NOT NULL,
9 email VARCHAR(45) NOT NULL,
10 password VARCHAR(45) NOT NULL,
11 phone VARCHAR(45) NOT NULL,
12 date_registered DATETIME NOT NULL DEFAULT CURRENT_TIMESTAMP
13);
14 -- end admin tables
15
16 -- User-related tables
17 CREATE TABLE users (
18 user_id INT AUTO_INCREMENT PRIMARY KEY,
19 first_name VARCHAR(255) NOT NULL,
20 last_name VARCHAR(255) NOT NULL,
21 username VARCHAR(255) NOT NULL UNIQUE,
22 email VARCHAR(255) NOT NULL UNIQUE,
23 password_hash VARCHAR(255),
24 favorite_movie VARCHAR(20),
25 phone VARCHAR(20),
26 registration_date DATETIME DEFAULT CURRENT_TIMESTAMP
27);
28
29 CREATE TABLE addresses (
30 address_id INT AUTO_INCREMENT PRIMARY KEY,
31 user_id INT NOT NULL,
32 address_type VARCHAR(50) NOT NULL,
33 street_address VARCHAR(255) NOT NULL,
34 city VARCHAR(100) NOT NULL,
35 state VARCHAR(100) NOT NULL,
36 postal_code VARCHAR(20) NOT NULL,
37 country VARCHAR(100) NOT NULL,
38 FOREIGN KEY (user_id) REFERENCES users(user_id)
39);



6. Install project dependencies using Composer: `composer install`
7. Update the database connection settings in `backend/config/config.php`:
 1. `<?php`
 2. `define('DB_HOST', 'localhost');`
 3. `define('DB_USER', 'your_username');`
 4. `define('DB_PASS', 'your_password');`
 5. `define('DB_NAME', 'datadash_db');`
 6. `?>`
8. Use the `populate_db.sql` file to add sample data to the database.

```

DATADASH-E-COMMERCE-MAIN
├── database
│   ├── populate_db.sql
│   └── schema.sql
├── DataDash
│   ├── admin
│   ├── backend
│   │   ├── include
│   │   │   ├── database_config.php
│   │   └── models
│   │       ├── cart.php
│   │       ├── reviews.php
│   │       └── user.php
│   ├── utils
│   ├── vendor
│   └── frontend
├── composer.json
├── composer.lock
└── README.md

database > populate_db.sql
1  -- Populate the category table
2  INSERT INTO category (category_name) VALUES
3      ('Smartphones'),
4      ('Tablets'),
5      ('Headphones'),
6      ('Laptops'),
7      ('Smartwatches'),
8      ('Cameras'),
9      ('Earbuds'),
10     ('Televisions'),
11     ('Gaming Consoles'),
12     ('Smart Speakers'),
13     ('Chargers'),
14     ('Keyboards'),
15     ('Computer Mice'),
16     ('Storage Devices'),
17     ('Virtual Reality'),
18     ('Wi-Fi Routers');
19
20  -- Populate the brands table
21  INSERT INTO brands (brand_name) VALUES
22      ('Apple'),
23      ('Samsung'),
24      ('Sony'),
25      ('Google'),
26      ('Bose'),
27      ('Canon'),
28      ('JBL'),
29      ('LG'),
30      ('Microsoft'),
31      ('Anker'),
32      ('Logitech'),
33      ('Razer Inc.'),
34      ('Meta'),
35      ('Dell Technologies');
36
37  -- Insert 20 products into the product table
38  INSERT INTO product (product_name, brand_id, category_id, price, stock) VALUES
39      ('Smartphone X', 1, 1, 699, 10),
40      ('Smartphone Y', 1, 1, 799, 10),
41      ('Tablet Z', 1, 2, 299, 10),
42      ('Tablet W', 1, 2, 399, 10),
43      ('Headphone A', 1, 3, 149, 10),
44      ('Headphone B', 1, 3, 199, 10),
45      ('Laptop C', 1, 4, 999, 10),
46      ('Laptop D', 1, 4, 1199, 10),
47      ('Smartwatch E', 1, 5, 199, 10),
48      ('Smartwatch F', 1, 5, 249, 10),
49      ('Camera G', 1, 6, 499, 10),
50      ('Camera H', 1, 6, 599, 10),
51      ('Earbud I', 1, 7, 99, 10),
52      ('Earbud J', 1, 7, 149, 10),
53      ('Television K', 1, 8, 499, 10),
54      ('Television L', 1, 8, 799, 10),
55      ('Gaming Console M', 1, 9, 299, 10),
56      ('Gaming Console N', 1, 9, 399, 10),
57      ('Smart Speaker O', 1, 10, 99, 10),
58      ('Smart Speaker P', 1, 10, 149, 10),
59      ('Charger Q', 1, 11, 29, 10),
60      ('Charger R', 1, 11, 39, 10),
61      ('Keyboard S', 1, 12, 49, 10),
62      ('Keyboard T', 1, 12, 79, 10),
63      ('Computer Mouse U', 1, 13, 29, 10),
64      ('Computer Mouse V', 1, 13, 49, 10),
65      ('Storage Device W', 1, 14, 79, 10),
66      ('Storage Device X', 1, 14, 129, 10),
67      ('Virtual Reality Y', 1, 15, 299, 10),
68      ('Virtual Reality Z', 1, 15, 399, 10),
69      ('Wi-Fi Router AA', 1, 16, 79, 10),
70      ('Wi-Fi Router BB', 1, 16, 129, 10);

```

Server: localhost Database: datadash

Structure SQL Search Query Export Import Operations Privileges More

Run SQL query/queries on database datadash:

```
1  -- Populate the category table
2  USE datadash;
3
4  INSERT INTO category (category_name) VALUES
5      ('Smartphones'),
6      ('Tablets'),
7      ('Headphones'),
8      ('Laptops'),
9      ('Smartwatches'),
10     ('Cameras'),
11     ('Earbuds'),
12     ('Televisions'),
13     ('Gaming Consoles'),
14     ('Smart Speakers'),
15     ('Chargers'),
16     ('Keyboards'),
```

Clear Format Get auto-saved query

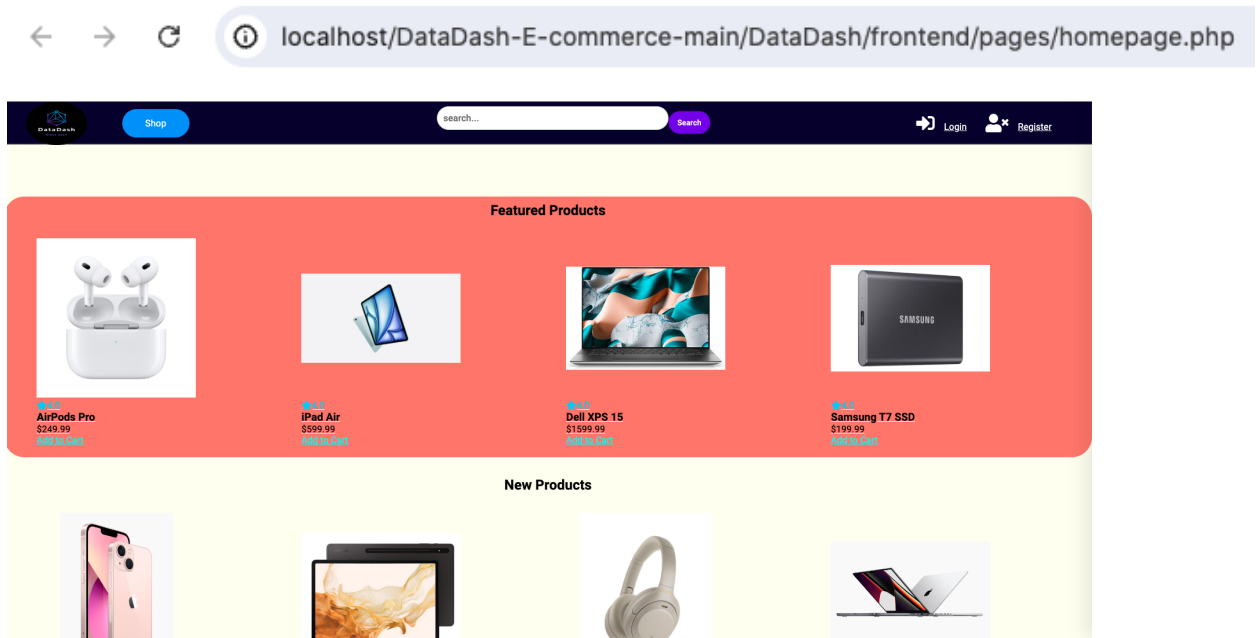
☐ Bind parameters

Bookmark this SQL query:

Delimiter ; ☐ Show this query here again ☐ Retain query box ☐ Rollback when finished

☒ Enable foreign key checks Go

9. Start your local web server and access the website by navigating to the `public` folder.



Server Deployment

1. Upload project files to the server.
2. Configure the web server (Apache or Nginx) to point to the public directory.
3. Create a MySQL database on the server.
4. Import the `schema.sql` file.
5. Update database connection settings in `backend/config/config.php` with server credentials.