

SUBJECT: DBMS

Experiment No.: 10 (Prototype)

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Tech Stack Used:

- Front End: Vanilla JS
- Back End: PHP
- Database: MYSQL

Help File for Running the Fashion Trends Website

Step 1: Download XAMPP (a web server solution package used for testing web applications on a local host web server).

Step 2: Create a folder inside the XAMPP directory to store all the required resources.

Step 3: Open XAMPP:

Start Apache server (used for accepting HTTP requests from users and sending them their desired information in the form of files and web pages).

Start MySQL database.

Step 4: Connect PHP to MySQL in the local database. Use the following PHP code:

```
Cutomer > database.php > ...
1  <?php
2      $db_server = "localhost";
3      $db_user = "root";
4      $db_pass = "";
5      $db_name = "Fashion_Trends";
6      $conn = "";
7      $conn = mysqli_connect($db_server,$db_user,$db_pass,$db_name);
8  ?>
```

Explanation: **mysqli** (MySQL Improved) enables PHP scripts to perform various database operations, including connecting to the database server, executing queries, fetching results, and managing general database operations.

Step 5: Create a website/webpage using HTML/CSS as per requirements.

Step 6: Use PHP to write SQL queries and send them to the MySQL database.

Step 7: View all database information at 'localhost/phpmyadmin/' -> database.

