D.1. THE DATABASE
Queries:
CREATEDATABASE Bisnis Online

-- phpMyAdmin SQL Dump

-- version 5.2.1

-- https://www.phpmyadmin.net/

--

-- Host: 127.0.0.1

-- Generation Time: Apr 23, 2025 at 08:31 AM

-- Server version: 10.4.32-MariaDB

-- PHP Version: 8.2.12

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";

START TRANSACTION;

SET time_zone = "+00:00";

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;

/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;

/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;

/*!40101 SET NAMES utf8mb4 */;

--

-- Database: `bisnis_online`

--

-- --

--

-- Table structure for table `categories`

```
--

CREATE TABLE `categories` (
  `id` int(11) NOT NULL,
  `nama_kategori` varchar(100) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;


--
-- Dumping data for table `categories`
--

INSERT INTO `categories` (`id`, `nama_kategori`) VALUES
(1, 'Elektronik');


-- --------------------------------------------------------


--
-- Table structure for table `items`
--

CREATE TABLE `items` (
  `id` int(11) NOT NULL,
  `user_id` int(11) DEFAULT NULL,
  `category_id` int(11) DEFAULT NULL,
  `nama_item` varchar(100) DEFAULT NULL,
  `harga` decimal(10,2) DEFAULT NULL,
  `stok` int(11) DEFAULT NULL,
  `waktu_posting` datetime DEFAULT current_timestamp(),
  `durasi_posting` int(11) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
```

--

-- Dumping data for table `items`

--

INSERT INTO `items` (`id`, `user_id`, `category_id`, `nama_item`, `harga`, `stok`, `waktu_posting`, `durasi_posting`) VALUES

(1, 1, 1, 'rafael', 1200.00, 2, '2025-04-23 09:12:40', 160),

(2, 1, 1, 'gudang garam filter', 42000.00, 15, '2025-04-23 09:15:57', 10),

(4, 1, 1, 'uganda', 99999999.99, 1, '2025-04-23 10:33:51', 14),

(5, 1, 1, 'lasnldsa', 1010.99, 2, '2025-04-23 10:34:46', 2),

(6, 1, 1, 'LJBDs', 10000.00, 1, '2025-04-23 10:37:26', 1),

(9, 1, 1, 'chocolate milk', 20000.00, 12, '2025-04-23 10:57:46', 60);

-- --

--

-- Table structure for table `item_photos`

--

CREATE TABLE `item_photos` (

 `id` int(11) NOT NULL,

 `item_id` int(11) DEFAULT NULL,

 `path_foto` varchar(255) DEFAULT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

--

-- Dumping data for table `item_photos`

--

INSERT INTO `item_photos` (`id`, `item_id`, `path_foto`) VALUES

(1, 1, 'Screenshot 2025-04-22 003838.png'),

(2, 2, 'Screenshot 2024-10-08 135339.png'),

(4, 4, 'Screenshot 2024-10-27 210803.png'),

(5, 5, 'Screenshot 2024-10-22 104315.png'),

(6, 6, 'Screenshot 2024-10-29 110150.png'),

(9, 9, 'Screenshot 2024-11-01 101721.png');

-- --

--
-- Table structure for table `orders`
--

CREATE TABLE `orders` (

  `id` int(11) NOT NULL,

  `user_id` int(11) DEFAULT NULL,

  `item_id` int(11) DEFAULT NULL,

  `tanggal_order` datetime DEFAULT current_timestamp(),

  `jumlah` int(11) DEFAULT NULL,

  `total` decimal(10,2) DEFAULT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

-- --

--
-- Table structure for table `reviews`
--

CREATE TABLE `reviews` (

```sql
  `id` int(11) NOT NULL,

  `item_id` int(11) DEFAULT NULL,

  `user_id` int(11) DEFAULT NULL,

  `isi` text DEFAULT NULL,

  `rating` int(11) DEFAULT NULL CHECK (`rating` >= 1 and `rating` <= 5),

  `tanggal` datetime DEFAULT current_timestamp()
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;


-- --------------------------------------------------------


--
-- Table structure for table `users`
--

CREATE TABLE `users` (

  `id` int(11) NOT NULL,

  `username` varchar(50) DEFAULT NULL,

  `password` varchar(255) DEFAULT NULL,

  `nama` varchar(100) DEFAULT NULL,

  `email` varchar(100) DEFAULT NULL,

  `role` enum('admin','user') DEFAULT 'user'
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;


--
-- Dumping data for table `users`
--

INSERT INTO `users` (`id`, `username`, `password`, `nama`, `email`, `role`) VALUES
(1, 'admin', 'admin123', 'administrator', 'admin@email.com', 'admin');
```

-- --

--
-- Table structure for table `wishlists`
--

```sql
CREATE TABLE `wishlists` (
  `id` int(11) NOT NULL,
  `user_id` int(11) DEFAULT NULL,
  `item_id` int(11) DEFAULT NULL,
  `tanggal` datetime DEFAULT current_timestamp()
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;


--
-- Indexes for dumped tables
--


--
-- Indexes for table `categories`
--
ALTER TABLE `categories`
  ADD PRIMARY KEY (`id`);


--
-- Indexes for table `items`
--
ALTER TABLE `items`
  ADD PRIMARY KEY (`id`),
  ADD KEY `user_id` (`user_id`),
  ADD KEY `category_id` (`category_id`);
```

```sql
--
-- Indexes for table `item_photos`
--
ALTER TABLE `item_photos`
  ADD PRIMARY KEY (`id`),
  ADD KEY `item_id` (`item_id`);


--
-- Indexes for table `orders`
--
ALTER TABLE `orders`
  ADD PRIMARY KEY (`id`),
  ADD KEY `user_id` (`user_id`),
  ADD KEY `item_id` (`item_id`);


--
-- Indexes for table `reviews`
--
ALTER TABLE `reviews`
  ADD PRIMARY KEY (`id`),
  ADD KEY `item_id` (`item_id`),
  ADD KEY `user_id` (`user_id`);


--
-- Indexes for table `users`
--
ALTER TABLE `users`
  ADD PRIMARY KEY (`id`),
  ADD UNIQUE KEY `username` (`username`);
```

```sql
--
-- Indexes for table `wishlists`
--
ALTER TABLE `wishlists`
  ADD PRIMARY KEY (`id`),
  ADD KEY `user_id` (`user_id`),
  ADD KEY `item_id` (`item_id`);


--
-- AUTO_INCREMENT for dumped tables
--


--
-- AUTO_INCREMENT for table `categories`
--
ALTER TABLE `categories`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=2;


--
-- AUTO_INCREMENT for table `items`
--
ALTER TABLE `items`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=10;


--
-- AUTO_INCREMENT for table `item_photos`
--
ALTER TABLE `item_photos`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=10;
```

--

-- AUTO_INCREMENT for table `orders`

--

ALTER TABLE `orders`

  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT;

--

-- AUTO_INCREMENT for table `reviews`

--

ALTER TABLE `reviews`

  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT;

--

-- AUTO_INCREMENT for table `users`

--

ALTER TABLE `users`

  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=2;

--

-- AUTO_INCREMENT for table `wishlists`

--

ALTER TABLE `wishlists`

  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT;

--

-- Constraints for dumped tables

--

--

```sql
-- Constraints for table `items`
--

ALTER TABLE `items`
  ADD CONSTRAINT `items_ibfk_1` FOREIGN KEY (`user_id`) REFERENCES `users` (`id`),
  ADD CONSTRAINT `items_ibfk_2` FOREIGN KEY (`category_id`) REFERENCES `categories` (`id`);


--
-- Constraints for table `item_photos`
--

ALTER TABLE `item_photos`
  ADD CONSTRAINT `item_photos_ibfk_1` FOREIGN KEY (`item_id`) REFERENCES `items` (`id`);


--
-- Constraints for table `orders`
--

ALTER TABLE `orders`
  ADD CONSTRAINT `orders_ibfk_1` FOREIGN KEY (`user_id`) REFERENCES `users` (`id`),
  ADD CONSTRAINT `orders_ibfk_2` FOREIGN KEY (`item_id`) REFERENCES `items` (`id`);


--
-- Constraints for table `reviews`
--

ALTER TABLE `reviews`
  ADD CONSTRAINT `reviews_ibfk_1` FOREIGN KEY (`item_id`) REFERENCES `items` (`id`),
  ADD CONSTRAINT `reviews_ibfk_2` FOREIGN KEY (`user_id`) REFERENCES `users` (`id`);


--
-- Constraints for table `wishlists`
--
```

```
ALTER TABLE `wishlists`

  ADD CONSTRAINT `wishlists_ibfk_1` FOREIGN KEY (`user_id`) REFERENCES `users` (`id`),

  ADD CONSTRAINT `wishlists_ibfk_2` FOREIGN KEY (`item_id`) REFERENCES `items` (`id`);

COMMIT;


/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;

/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;

/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

D.2 THE DATA
Website Inspiration URL (Bisnis Online): https

```
INSERT INTO `users` (`user_id`, `username`, `email`, `password`, `full_name`, `profile_img`, `address`,
`phone`) VALUES

(1, 'wahyu123', 'wahyu@gmail.com', 'pass123', 'Wahyu Ramadhan', 'user1.jpg', 'Jakarta', '08123456789'),

(2, 'rina_shop', 'rina@gmail.com', 'pass123', 'Rina Kartika', 'user2.jpg', 'Bandung', '08211234567'),

(3, 'Farrel', 'farrel@gmail.com', 'pass123', 'Farrer Sanggen, 'user3.jpg', 'Surabaya', '08129876543'),

(4, 'Ester11', 'Ester@gmail.com', 'pass123', 'Ester Manik, 'user4.jpg', 'Medan', '08133445566'),

(5, 'ana maria, 'anamaria@gmail.com', 'pass123', 'Ana Maria', 'user5.jpg', 'Yogyakarta', '08223344556');
```

INSERT INTO `items` (`item_id`, `user_id`, `name`, `description`, `price`, `stock`, `created_at`) VALUES

(101, 2, 'Hijab Instan Jersey', 'Hijab instan bahan jersey premium', 45000, 20, '2023-06-02 09:00:00'),

(102, 2, 'Gamis Syar\'i', 'Gamis bahan wolfis, adem dan ringan', 120000, 15, '2023-06-03 10:30:00'),

(103, 3, 'Kaos Polos Pria', 'Kaos cotton combed 30s adem', 50000, 50, '2023-06-04 11:00:00'),

(104, 5, 'Powerbank 10000mAh', 'Powerbank fast charging 2 port', 150000, 25, '2023-06-04 14:30:00'),

(105, 5, 'Charger iPhone', 'Charger original iPhone 20W', 180000, 30, '2023-06-05 08:45:00');

INSERT INTO `orders` (`order_id`, `user_id`, `item_id`, `quantity`, `total_price`, `order_date`, `status`) VALUES

(201, 1, 101, 2, 90000, '2023-06-06 10:00:00', 'completed'),

(202, 3, 104, 1, 150000, '2023-06-07 09:30:00', 'pending'),

(203, 4, 103, 3, 150000, '2023-06-07 15:20:00', 'completed'),

(204, 1, 102, 1, 120000, '2023-06-08 11:10:00', 'shipped'),

(205, 2, 105, 1, 180000, '2023-06-09 13:45:00', 'completed');

INSERT INTO `reviews` (`review_id`, `user_id`, `item_id`, `rating`, `review_text`, `review_date`) VALUES

(1, 1, 101, 5, 'Hijab nyaman banget!', '2023-06-07 10:30:00'),

(2, 4, 103, 4, 'Kaos adem, suka!', '2023-06-08 14:00:00'),

(3, 1, 102, 5, 'Gamisnya bagus dan sesuai!', '2023-06-09 09:20:00'),

(4, 3, 104, 3, 'Powerbank cepat panas', '2023-06-09 17:00:00'),

(5, 2, 105, 4, 'Charger original dan cepat!', '2023-06-10 08:15:00');

INSERT INTO `wishlists` (`wishlist_id`, `user_id`, `item_id`, `added_date`) VALUES

(1, 1, 103, '2023-06-06 08:00:00'),

(2, 3, 102, '2023-06-06 08:10:00'),

(3, 4, 105, '2023-06-06 08:20:00'),

(4, 5, 101, '2023-06-06 08:30:00'),

(5, 2, 104, '2023-06-06 08:40:00');

INSERT INTO `item_photos` (`photo_id`, `item_id`, `photo_url`) VALUES

(1, 101, 'hijab1.jpg'),

(2, 102, 'gamis1.jpg'),

(3, 103, 'kaos1.jpg'),

(4, 104, 'powerbank1.jpg'),

(5, 105, 'charger1.jpg');

D.3. QUERIES

SELECT *FROM users;

This query will display all attributes of the users entity, including full name, email, hashed password, and profile image stored as a string (e.g., URL or file path). Although some values like the encrypted password may not be human-readable, this data is essential for authentication and user management in the application.

SELECT FROM items;

This query will display all attributes of the items entity, including item name, description, price, and the user_id of the seller. This is important for presenting the entire product catalog and linking each item to its respective seller.

SELECT FROM orders;

This query will display all attributes of the orders entity, including order_id, the user_id of the buyer, item_id of the purchased product, quantity, total price, and the transaction date. While the order_date attribute may seem complex due to time formatting, it is critical for sorting and tracking transactions.

SELECT FROM reviews;

This query retrieves all data from the reviews table, including the review content, rating, date, the user_id of the reviewer, and the item_id of the reviewed product. This data is essential for building product reputation and credibility in the application.

SELECT FROM wishlists;

This query returns all entries from the wishlists table, showing which users have saved which items. It helps track user interests and can support features such as personalized recommendations or alerts when a wished item goes on sale.

SELECT FROM item_photos;

This query displays all data from the item_photos table, including the photo's URL or path and the related item_id. Multiple photos can be associated with a single item, providing users with a better visual understanding of the products.