

BOOKSHOP-DATA-TABLES

Whitten Hong Le Nguyen, last update 23.02.2025

```
DROP TABLE IF EXISTS `orders`;
CREATE TABLE `orders` (
  `id` bigint NOT NULL AUTO_INCREMENT,
  `date_created` datetime(6) DEFAULT NULL,
  `last_updated` datetime(6) DEFAULT NULL,
  `order_tracking_number` varchar(255) DEFAULT NULL,
  `status` varchar(255) DEFAULT NULL,
  `total_price` decimal(38,2) DEFAULT NULL,
  `total_quantity` int NOT NULL,
  PRIMARY KEY (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

```
DROP TABLE IF EXISTS `order_items`;
CREATE TABLE `order_items` (
  `id` bigint NOT NULL AUTO_INCREMENT,
  `image_url` varchar(255) DEFAULT NULL,
  `price` decimal(38,2) DEFAULT NULL,
  `quantity` int NOT NULL,
  `book_id` bigint DEFAULT NULL,
  `order_id` bigint DEFAULT NULL,
  PRIMARY KEY (`id`),
  UNIQUE KEY `UK_i7mp98v46emf986e0a694kvfa` (`book_id`),
  KEY `FKbioxgbv59vetrx0ejfubep1w` (`order_id`),
  CONSTRAINT `FKbioxgbv59vetrx0ejfubep1w` FOREIGN KEY (`order_id`) REFERENCES `orders` (`id`),
  CONSTRAINT `FKi4ptndsl02pyfp9r1x0eulh9g` FOREIGN KEY (`book_id`) REFERENCES `books` (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

```
DROP TABLE IF EXISTS `books`;
CREATE TABLE `books` (
  `id` bigint NOT NULL AUTO_INCREMENT,
  `author` varchar(255) DEFAULT NULL,
  `creation_time` datetime(6) DEFAULT NULL,
  `description` varchar(255) NOT NULL,
  `genre` varchar(255) DEFAULT NULL,
  `isbn` varchar(255) NOT NULL,
  `last_updated` datetime(6) DEFAULT NULL,
  `price` decimal(38,2) DEFAULT NULL,
  `title` varchar(255) NOT NULL,
  `category_id` bigint DEFAULT NULL,
  PRIMARY KEY (`id`),
  UNIQUE KEY `UK_14r7cusy4ljuda8qb7sinu2q` (`description`),
  UNIQUE KEY `UK_kibbecitr0a3cpk3rfr7nihn` (`isbn`),
  UNIQUE KEY `UK_5mtto2jcmfrwfg0p1ui8mnweu` (`title`),
  KEY `FKf65lsitwn7k54dkh1jxyoc825` (`category_id`),
  CONSTRAINT `FKf65lsitwn7k54dkh1jxyoc825` FOREIGN KEY (`category_id`) REFERENCES `book_categories` (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

```
DROP TABLE IF EXISTS `book_categories`;
CREATE TABLE `book_categories` (
  `id` bigint NOT NULL AUTO_INCREMENT,
  `category_description` varchar(255) DEFAULT NULL,
  `category_name` varchar(255) DEFAULT NULL,
  PRIMARY KEY (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

```

DROP TABLE IF EXISTS `addresses`;
CREATE TABLE `addresses` (
  `id` bigint NOT NULL AUTO_INCREMENT,
  `city` varchar(255) DEFAULT NULL,
  `country` varchar(255) DEFAULT NULL,
  `state` varchar(255) DEFAULT NULL,
  `street` varchar(255) DEFAULT NULL,
  `zip_code` varchar(255) DEFAULT NULL,
  `order_id` bigint DEFAULT NULL,
  PRIMARY KEY (`id`),
  UNIQUE KEY `UK_p55ryr7uokps6lhsfevrbk8h1` (`order_id`),
  CONSTRAINT `FKsv7a6xjwuwlcbxbq98p0gqna` FOREIGN KEY (`order_id`) REFERENCES `orders` (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;

```

```

DROP TABLE IF EXISTS `users`;
CREATE TABLE `users` (
  `id` bigint NOT NULL AUTO_INCREMENT,
  `email` varchar(255) DEFAULT NULL,
  `first_name` varchar(255) DEFAULT NULL,
  `last_name` varchar(255) DEFAULT NULL,
  `password` varchar(255) DEFAULT NULL,
  PRIMARY KEY (`id`),
  UNIQUE KEY `unique_email` (`email`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;

```

```

DROP TABLE IF EXISTS `roles`;
CREATE TABLE `roles` (
  `id` bigint NOT NULL AUTO_INCREMENT,
  `name` varchar(255) DEFAULT NULL,
  PRIMARY KEY (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;

```

```

DROP TABLE IF EXISTS `users_roles`;
CREATE TABLE `users_roles` (
  `user_id` bigint NOT NULL,
  `role_id` bigint NOT NULL,
  PRIMARY KEY (`user_id`,`role_id`),
  KEY `FKj6m8fwv7oqv74fcehir1a9ffy` (`role_id`),
  CONSTRAINT `FK2o0jvgh89lemvvo17cbqvdxaa` FOREIGN KEY (`user_id`) REFERENCES `users` (`id`),
  CONSTRAINT `FKj6m8fwv7oqv74fcehir1a9ffy` FOREIGN KEY (`role_id`) REFERENCES `roles` (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;

```