

-- Create table 'games'

```
CREATE TABLE games (  
    game_id BIGINT NOT NULL AUTO_INCREMENT,  
    game_name VARCHAR(255) NOT NULL UNIQUE,  
    game_price FLOAT(23) NOT NULL,  
    PRIMARY KEY(game_id)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

-- Create table 'genres'

```
CREATE TABLE genres (  
    genre_id BIGINT NOT NULL AUTO_INCREMENT,  
    genre_description VARCHAR(255),  
    genre_name ENUM('SHOOTER', 'SPORTS', 'ADVENTURE', 'OPEN_WORLD', 'ACTION',  
'ROLE_PLAY', 'FIGHTING', 'MULTIPLAYER', 'HORROR', 'RACING') NOT NULL UNIQUE,  
    PRIMARY KEY(genre_id)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

-- Create table 'game_genre'

```
CREATE TABLE game_genre (  
    game_id BIGINT NOT NULL,  
    genre_id BIGINT NOT NULL,  
    PRIMARY KEY (game_id, genre_id),  
    CONSTRAINT FKou7qtr2d8jvpemnniel386hgx FOREIGN KEY (genre_id) REFERENCES genres  
(genre_id),  
    CONSTRAINT FKj4fg0k0h6r6n8df60att283nj FOREIGN KEY (game_id) REFERENCES games  
(game_id)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

-- Create table 'platforms'

```
CREATE TABLE platforms (  
    platform_id BIGINT NOT NULL AUTO_INCREMENT,
```

```
platform_id BIGINT NOT NULL AUTO_INCREMENT,  
manufacturer ENUM('SONY', 'MICROSOFT', 'PC', 'NINTENDO') NOT NULL,  
platform_name ENUM('PLAYSTATION_5', 'PLAYSTATION_4', 'XBOX360', 'XBOX_SERIES_X',  
'NINTENDO_SWITCH', 'Personal_Computer') NOT NULL UNIQUE,  
PRIMARY KEY(platform_ID)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

-- Create table 'game_platform'

```
CREATE TABLE game_platform (  
    game_id BIGINT NOT NULL,  
    platform_id BIGINT NOT NULL,  
    PRIMARY KEY (game_id, platform_id),  
    CONSTRAINT FKrbhqd4Imddt2jmgdjy3kirt38 FOREIGN KEY (platform_id) REFERENCES  
platforms (platform_id),  
    CONSTRAINT FK4safgr5f71s67seckgpbttc1f FOREIGN KEY (game_id) REFERENCES games  
(game_id)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

-- Create table 'users'

```
CREATE TABLE users (  
    user_id BIGINT NOT NULL AUTO_INCREMENT,  
    email VARCHAR(255) NOT NULL UNIQUE,  
    firstname VARCHAR(255) NOT NULL,  
    lastname VARCHAR(255),  
    password VARCHAR(255) NOT NULL,  
    username VARCHAR(255) NOT NULL UNIQUE,  
    PRIMARY KEY (user_id)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

```
-- Create table 'game_reviews'

CREATE TABLE game_reviews (
    game_id BIGINT NOT NULL,
    user_id BIGINT NOT NULL,
    review_id BIGINT NOT NULL,
    rating FLOAT(23) NOT NULL,
    review_text VARCHAR(255) NOT NULL,
    PRIMARY KEY (game_id, review_id),
    CONSTRAINT FK8wbl1jhvpws8ek1y4tfi0pv31 FOREIGN KEY (game_id) REFERENCES games
(game_id),
    CONSTRAINT FKndh5d3njmsvuo57vq3yu8sy9k FOREIGN KEY(user_id) REFERENCES users
(user_id)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

```
-- Create table 'orders'

CREATE TABLE orders (
    order_date DATE NOT NULL,
    order_id BIGINT NOT NULL AUTO_INCREMENT,
    user_id BIGINT NOT NULL,
    shipping_method ENUM('Express', 'Standard', 'International') NOT NULL,
    PRIMARY KEY (order_id),
    CONSTRAINT FK32ql8ubntj5uh44ph9659tjih FOREIGN KEY(user_id) REFERENCES users
(user_id)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

```
-- Create table 'order_games'

CREATE TABLE order_games (
    game_id BIGINT NOT NULL,
    order_id BIGINT NOT NULL,
    PRIMARY KEY (game_id, order_id),
```

```
CONSTRAINT FKm4b62t6qcx11dpm4xdg7j5l7q FOREIGN KEY(game_id) REFERENCES  
games (game_id),
```

```
CONSTRAINT FKr2igojb3rijgh6l8rm1bavoeo FOREIGN KEY(order_id) REFERENCES orders  
(order_id)
```

```
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

```
-- Create table 'friendships'
```

```
CREATE TABLE friendships (
```

```
    user_id BIGINT NOT NULL,
```

```
    friend_id BIGINT NOT NULL,
```

```
    PRIMARY KEY (user_id, friend_id),
```

```
    CONSTRAINT FKt0mh1j446gu5rqba17rnknui FOREIGN KEY (friend_id) REFERENCES users  
(user_id),
```

```
    CONSTRAINT FK4mcscxflf13uk72aupf6uwbgn FOREIGN KEY (user_id) REFERENCES users  
(user_id)
```

```
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```