



# NINTENDO GAME DATABASE



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## **ABOUT THE BUSINESS**

Nintendo is one of the top video game companies in the world. This company both produces games themselves for their platforms (ranging from the Nintendo 3DS to the Wii U to the Nintendo Switch) as well as hosts games from other developers on their consoles. The incredible amount of video games that exist on these consoles, specifically the Nintendo Switch (the console that I will be looking at), it is sometimes difficult to find the games that a consumer might want to play. This is the main issue that I will be looking at for this database.

## **INFORMATION NEEDS**

The current layout of the Nintendo EShop, the place where one buys video games on the console itself, is very confusing. There is no option to search by genre of game, and the only way that you can save the games you like is a wish list (a list of games that you might want to buy). What is needed is a way for a consumer to be able to look up games by genre and be able to get the games that they want at a low price.

Another issue is the discounts that games get. There often is no announcement that a game has been discounted (unless it is on one's wish list). What is needed is a way to be notified when deals are starting and may start in the future.

## **MAIN ENTITIES**

The first entity for this Nintendo game database would be a video game entity. This entity would have attributes such as title and price, among others. Each video game would be published by a developer, but one developer can publish numerous video games. This second entity would be a developer entity, with attributes such as developer name and general genre. A third entity would be a DLC entity, with attributes such as title and price. A game can have multiple DLCs, but a DLC can belong to only one game. The fourth entity would be a customer entity, whose attributes may include name, address, and payment information. A customer can own and play numerous games and their respective DLCs. A fifth entity would be game bundles, whose attributes would include the title of the bundle as well as the price. A game bundle can have many games and DLCs as part of it, and a game or a DLC could be part of different bundles.

## **PHASE ONE ERD DIAGRAM**

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