Video Game Catalog by Joshua Luo and Andrew Eppinger

A Video Game Catalog web application. Users can search and filter video game titles by name (with partial term search), platform, developer studio, genre, franchise, and rating.

Users can also add new entries, delete existing entries, and update existing entries. Deleting and Updating have a search result table to filter and look through titles.

Searching, adding, deleting, and updating are similarly applicable to development studios, platforms, and franchises.

Video Game information is stored in a database (MySQL).

# Video Game Catalog

**Filter Options:**

| **Title Name** | **Platform:** | **Release Date:** | **Genre:** | **Franchise:** | **Developer:** | **ESRB Rating:** |
|---|---|---|---|---|---|---|
| | Select One ▾ | From: mm/dd/yyyy 📅 To: mm/dd/yyyy 📅 | Select One ▾ | Select One ▾ | Select One ▾ | Select One ▾ |

Filter

| **Title** | **Platforms** | **Release Date (North America)** | **Genre** | **Franchise** | **Developer** | **ESRB Rating** |
|---|---|---|---|---|---|---|
| Call of Duty: Black Ops Cold War | PlayStation 4 PlayStation 5 Windows Xbox One Xbox Series X/S | 11/13/2020 | First-Person Shooter | Call of Duty | Activision | M |
| Halo Infinite | Windows Xbox One Xbox Series X/S | | First-Person Shooter | Halo | 343 Industries | |

# Add to Database

**Select what to add:**

Video Game Title          Development Studio          Platform          Franchise

## Add a Video Game Title

**Title:**

**Platforms:**
- ☐ PlayStation
- ☐ PlayStation 2
- ☐ PlayStation 3
- ☐ PlayStation 4
- ☐ PlayStation 5
- ☐ Xbox
- ☐ Xbox 360
- ☐ Xbox One
- ☐ Xbox Series S/X
- ☐ Nintendo 64
- ☐ GameCube
- ☐ Wii
- ☐ Wii U
- ☐ Switch
- ☐ Windows

**Release Date:** mm/dd/yyyy 📅

**Genre:** ▾

**Franchise:** ▾

**Developer:** ▾

**ESRB Rating:** ▾

*If a platform/franchise/developer isn't present, they must first be added seapartely

Add Title

# Delete from Database

**Select what to delete:**

[Video Game Title]  [Development Studio]  [Platform]  [Franchise]

## Search for a Development Studio

**Developer Name:**

**Country:**

**Founding Date:**
From:
mm/dd/yyyy
To:
mm/dd/yyyy

[Search]

## Search Results

| Title | Platforms | Release Date (North America) | Genre | Franchise | Developer | ESRB Rating | Action |
|---|---|---|---|---|---|---|---|
| Call of Duty: Black Ops Cold War | PlayStation 4 PlayStation 5 Windows Xbox One Xbox Series X/S | 11/13/2020 | First-Person Shooter | Call of Duty | Activision | M | [Delete] |
| Halo Infinite | Windows Xbox One Xbox Series X/S | | First-Person Shooter | Halo | 343 Industries | | [Delete] |

# Update in Database

**Select what to update:**

[Video Game Title]  [Development Studio]  [Platform]  [Franchise]

## Search for a Video Game Title

**Title:**

**Platform:**

**Release Date:**
From:
mm/dd/yyyy
To:
mm/dd/yyyy

**Genre:**

**Franchise:**

**Developer:**

**ESRB Rating:**

[Search]

## Search Results

| Title | Platforms | Release Date (North America) | Genre | Franchise | Developer | ESRB Rating | Action |
|---|---|---|---|---|---|---|---|
| Call of Duty: Black Ops Cold War | PlayStation 4 PlayStation 5 Windows Xbox One Xbox Series X/S | 11/13/2020 | First-Person Shooter | Call of Duty | Activision | M | [Update] |
| Halo Infinite | Windows Xbox One Xbox Series X/S | | First-Person Shooter | Halo | 343 Industries | | [Update] |