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Term Project Proposal

Problem Statement

Online video game databases allow for searching of various criteria such as game title, publisher, developer, release year, genre, and platform, yet they fail at being able to display all the essential information that a user would expect when searching for a game. Not all websites display the relevant information that I expect to see when I search for a game. On top of that, most of these websites prevent the user from reorganizing the information presented in the tables.

Background

VGCharts(vgchartz.com)

Video game database that focuses on listing the sales numbers of both video game software and hardware

GameFAQs(gamefaqs.com)

A community driven video game database where the community provides walkthroughs and guides for a specific game along with answering frequently asked questions

Metacritic

The games section of this multifaceted database focuses mostly on a games rating among both critics and users

Games Database (gamesdatabase.org)

Video game database displays the essential information that I as a client would like to see, yet lacks table reorganization. Unfortunately, accessing the information of multiple pages from a search may be difficult.

Wikipedia(wikipedia.org)

The online encyclopedia has various pages containing various lists of video games along with tables that have alphanumerical sorting for each column. Not all lists contain the same types of columns.

Service Overview

Provide a service for searching for a game by a game's title, publisher, developer, release year, genre, and/or platform. The table can then be reorganized by ascending/ descending alphanumerical or a column the client clicks on. Clicking the game title will then bring the user to the main webpage of the game from the database being accessed by the webapp.