

Project: Game Store

- Our project is game store named Gmode whose purpose is to help players create and fill a personal library with games of their choice by buying them at lower than average prices.
- Each game a player buys is stored in a database that only he can access through encrypted passwords and his personal email account. Each user owns a library of games and personal wallet to buy said games from various sources which he can then access from their library to peruse at their personal leisure.
- For the moment, testers have access to customizable wallets (having the privilege to alter the amount) for testing purposes and admins can add games for any user to purchase.
- Additionally admins can alter the perceived genre (category) of a game if incorrectly labelled. A search engine is available to all users, whether by name or genre, to quickly access desired results.
- Users can always edit account information at any time, and have access to all previous privileges (except for admin privileges) so long as they are logged in in the first place, else all access is very limited and restricted.

Primary Key

Account
-ID
-First_Name
-Last_Name
-Email
-Username
-Wallet
-Password
-Is_Admin
-Account_Pfp
-Token

Category
-Category_ID
-Category_Name

1,n
category-game

Each Game Holds a Category to Enhance Searching Mechanism

Game
-Game_ID
-Game_Title
-Game_Price
-Game_Poster
-Game_Wallpaper
-Rating

libraries

The Account buys Games and the Relation "libraries" between them takes as primary keys The Account ID and Game ID, that is to store Games in the Account's Library

account

[illegible]

category-game		category		game					libraries		
Game_cg_ID	Category_cg_ID	Category_ID	Category_Name	Game_ID	Game_Title	Game_Price	Game_Poster	Rating	Game_wallpaper	Game_lib_id	Account_lib_id
1	1	1	Action	1	The Last Of Us	10	theLastOfUs.jpg	95	theLastOfUs.jpg	1	1
2	1	2	Simulation	2	Call Of Duty: Black Ops	45	cod.jpg	45	callOfDuty.jpg	2	20
3	1	3	Adventure	3	Bayo 2	17	bayo.jpg	45	bayo.jpg	3	20
4	1	4	Sports/Race	4	Need For Speed	14	nfs.jpg	45	needForSpeed.jpg	4	20
5	1			10	Call of War	10	callOfWar.jpg	75	callOfWar.jpg	5	20
10	1			11	Grand Turismo	15	grandTurismo.jpg	45	granTurismo.jpg	10	20

Primary key

Table Name