



RNG

Overview

RNG (Rate New Games) is a collaborative video game database website that allows anyone to search and sort video games released in the past 10 years, as well as view what users and verified critics have rated these games. Logged-in users and critics will be able to comment and rate games and there will be a visual distinction between the two types of users and their associated comments and ratings. And if you're feeling lucky you can use our Random New Game function embedded in the logo to view a random game's page.

Users can request games to be added and an admin will have to approve this request to ensure the game is real and fits the criteria. Each game will have a picture (cover art), description, average critic rating, average user rating and will be a member of different categories such as its genre, age rating, release date and whether its single player, multiplayer or both.

This application will allow users to make informed choices on what games they go on to buy and play and be of aid to members of the games industry as they will be able to see trends in gaming such as what type of games are more popular with the average person or critics.



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Minimum Specification

- Non logged-in users may view other user's ratings and comments but can't add their own
- User must be able to create an account as either a regular basic user or as a critic, which will be allocated a unique userID
- User must be able to sign in and out of their account
- Logged-in users should be able to leave ratings and comments on games, critics ratings and comments must be visually distinct from regular logged-in users
- All users, even not logged-in, are able to request a game to be added
- All users should be able to search and sort based on categories to find the games that they want to see



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User Persona 1: Renée Mac Security/Casual Gamer



General Description

Renée works tirelessly to keep her airport safe which eats into time for her hobby and lifelong passion of video games. She finds herself wasting time and money on poorly designed and boring games due to being uniformed. The amount of time spent in the workplace also makes it difficult for her to make friends. The friends she does have don't share her interest in games so she has no one to talk to about them. She is therefore specifically interested in multiplayer games in order to make friends that she can talk to in the comfort of her own home after a long shift.



Key Ideas

RNG provides a quick description and average rating of many newer games to help inform people

Users can discuss games via the comment section on each games page

Games will be part of different categories which helps describe them such as whether they are single player or multiplayer. Users can search through these categories



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User Persona 2: Phillippe Wald II Game Critic



General Description

Phillipe is a very well respected game critic who is dissatisfied at the current platform options available for critical analysis of video games. He wants to easily tell people of his superior choice of games and herd users to his own personal website. He wants his commentary to have identifiers that show he is a professional and therefore has a more valid opinion than the flock. Phillippe demands that there is a process that prevents any lesser user to become a site critic.



Key Ideas

Critics can put their highest rated games and a link to their website on their profile for all users to view.

Accounts, ratings and comments are visually distinguishable based on type of user (regular or critic).

Critic accounts must be verified by an admin to be created.



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User Persona 3: Devin Denver Game Developer/Researcher



General Description

Devin is a member of the research team at the relatively new games company Digital Demons.

Devin has to analyze current gaming trends to brainstorm a game that is likely to be popular so the company has the funds to focus on passion projects in the future. Thus Devin would primarily like to see what regular gamers like more so than actual critics. Digital Demons has already released one game but since it wasn't too popular it isn't featured on many game websites. Devin would like to see what the masses had to say about the company's first outing.



Key Ideas

RNG is focused on newer games only so that makes it easier to see current trends.

Highest rated games will clearly be displayed on the home page.

Accounts, ratings and comments are visually distinguishable based on type of user (regular or critic).

Games can be added by logged in users.

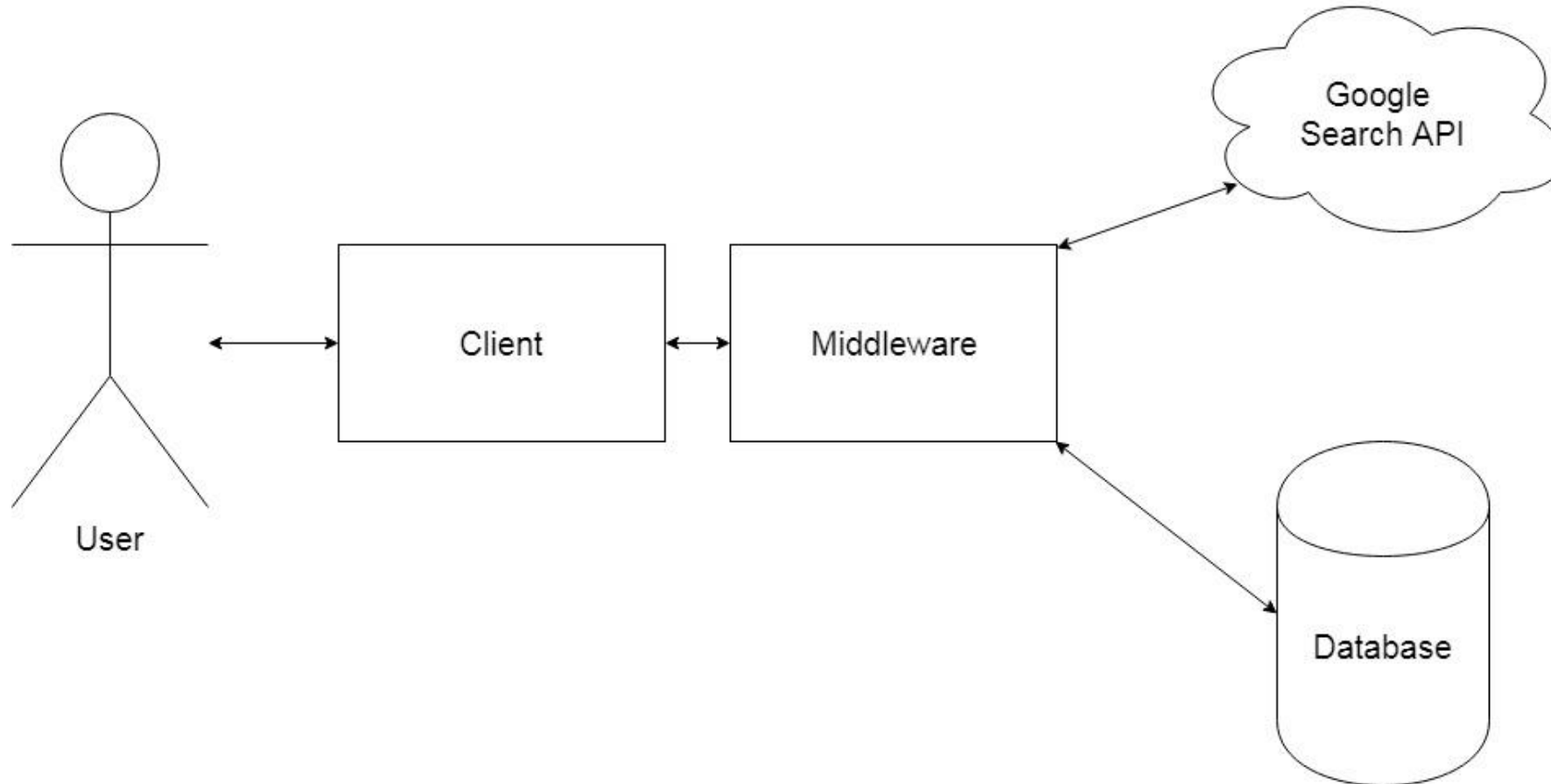
Comments can be added to game pages.





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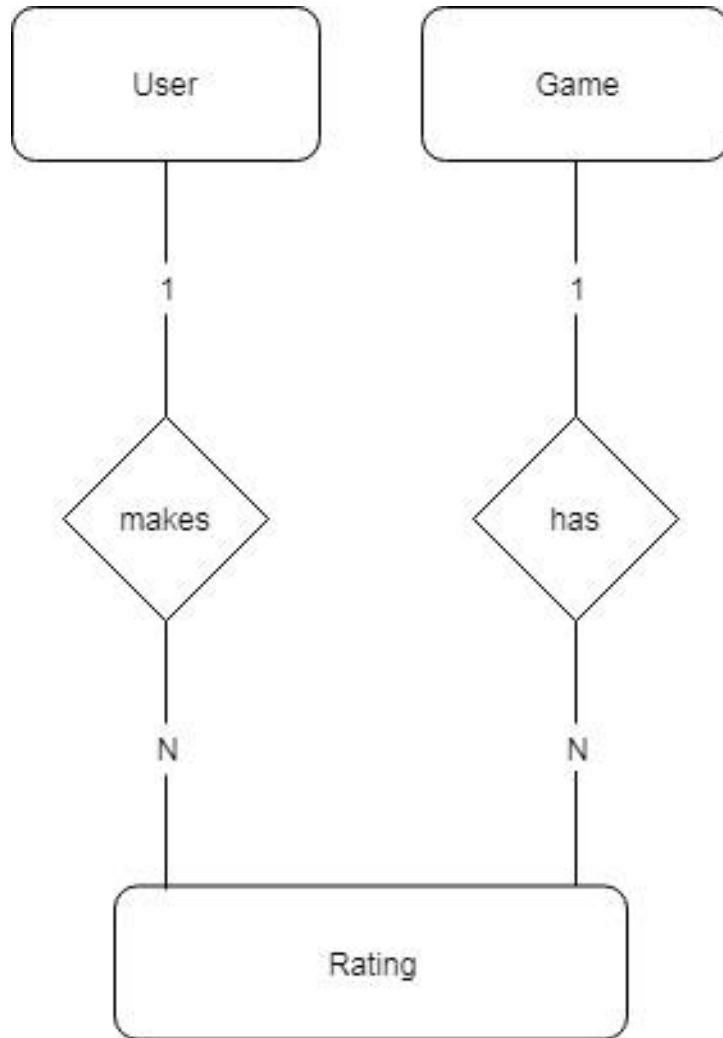
System Architecture





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Entity Relationship Diagram



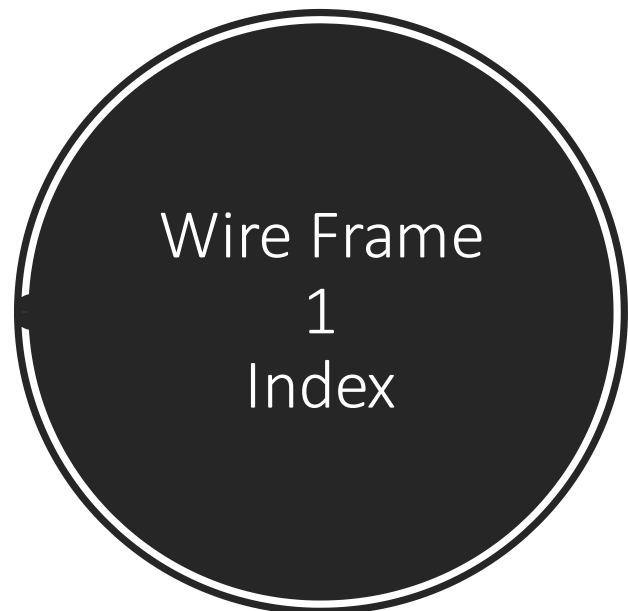
User	
PK	<u>username(Char 16)</u>
	First Name(Char 128)
	Surname(Char 128)
	Email(Char 128)
	Password(Char 128)
	Critic(Boolean)
	Website(Char 128)
	Description(Char 500)

Game	
PK	<u>GameID(Int16)</u>
	Description(Char 500)
	Name(Char 64)
	UserScore(Float)
	CriticScore(Float)
	AgeRating(Char 10)
	ReleaseDate(Date)

Rating	
PK	<u>RatingID(Int 16)</u>
FK	username(Char 16)
FK	GameID(Int16)
	Score(Float)
	Comment(Char 500)



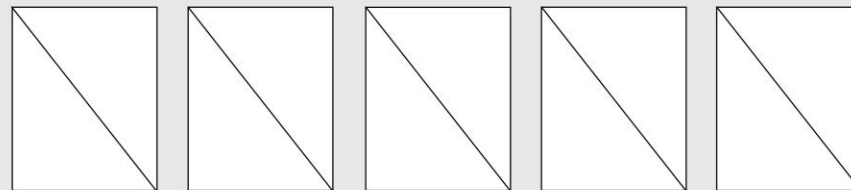
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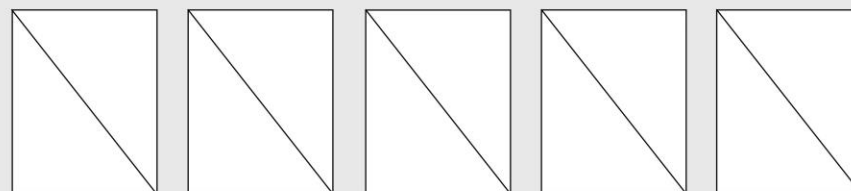
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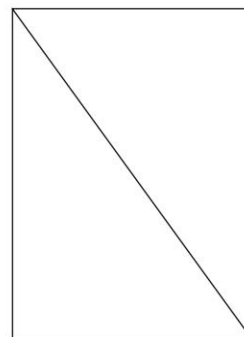
New Releases



Popular



Most Viewed



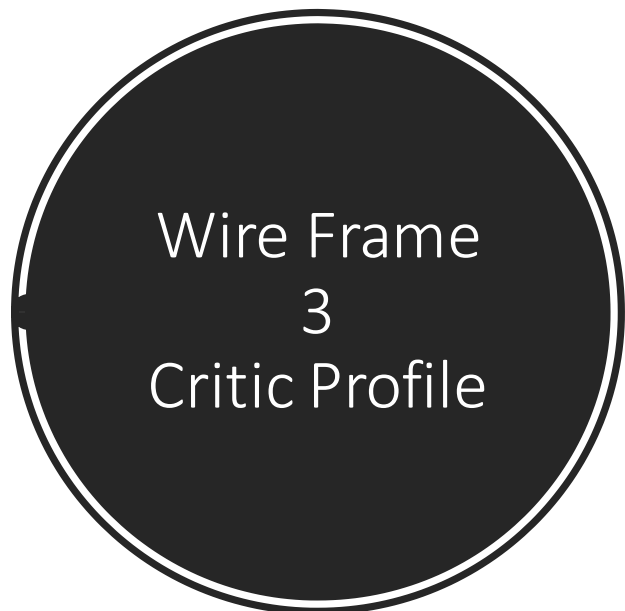


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Welcome User

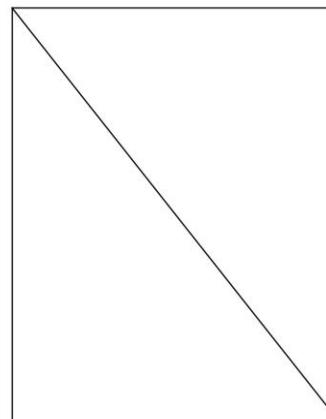
Sign out

Home

About

Categories

Search



Critic Name

My Ratings

Game Name 10

Game Name 10

Game Name 10

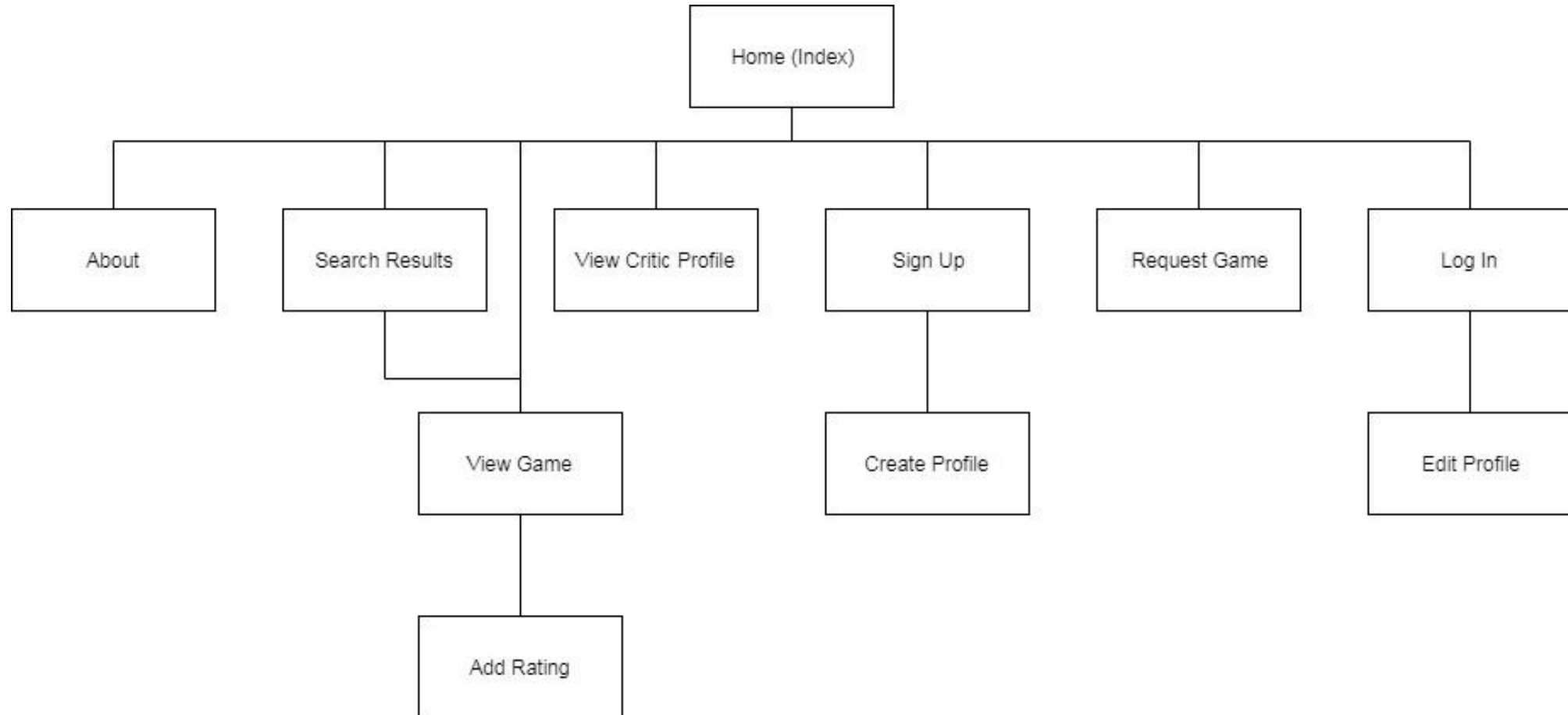
Game Name 10

Game Name 10



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Site Map





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URL Walkthrough

/home

/about

/results/{{search term}}

/{{gamename}}

- /{{gamename}}/add_rating

/profiles

- /profiles/{{criticname}}
- /profiles/{{criticname}}/edit

/signup

- /signup/create_profile

/request

/login

/logout