

CIS550-Steam DB

Introduction

The project was designed to provide a way for users to view Steam game information, and help user find the game they like.

The final application is a game store website that allows users to browse games, view game details, search for games, and view the recommendation we made for them.

Tech we used

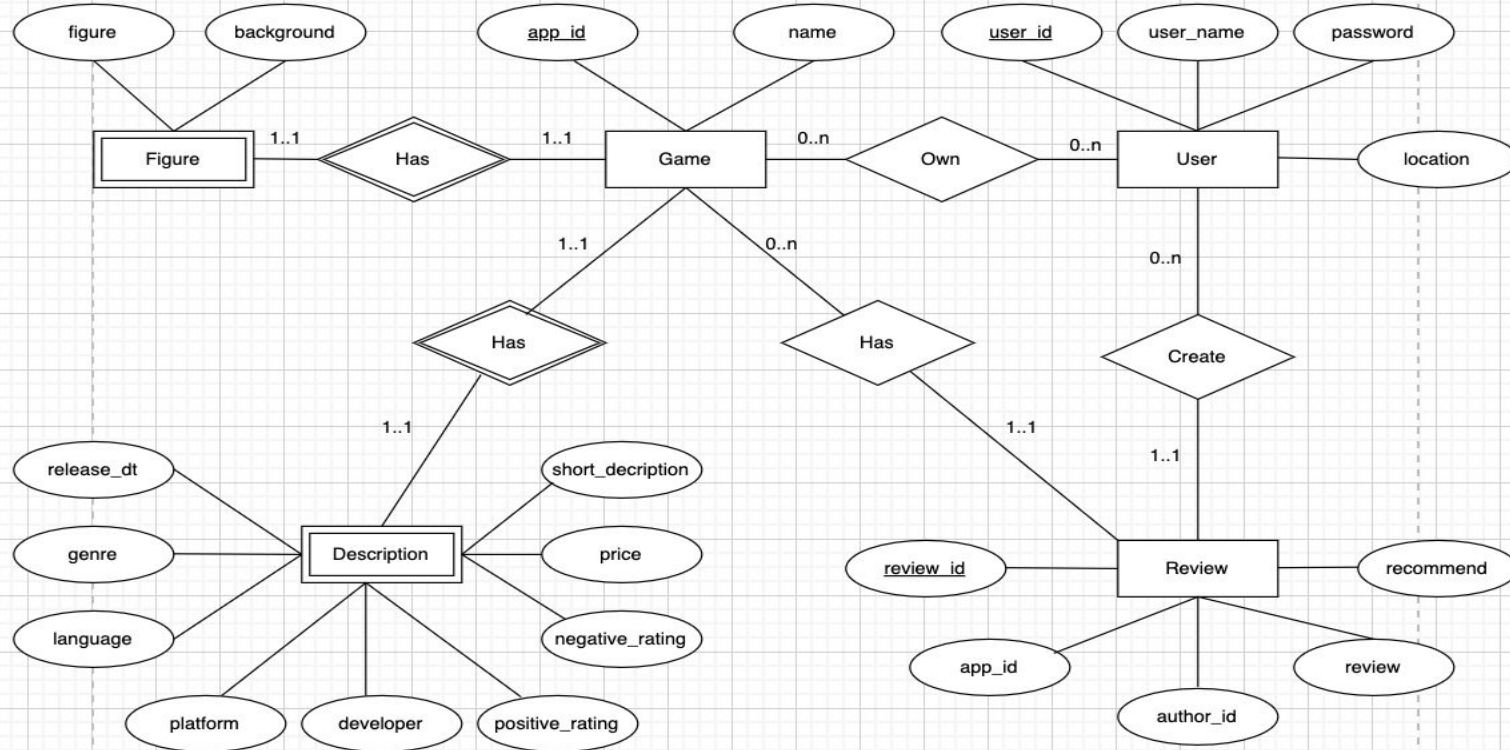
Data process: Python

FrontEnd: React, Css

BackEnd: Node.js, Express

Databse: Amazon RDS, MySQL

ER-Diagram



Database

Game(app_id, name)

Figure(app_id, figure, background)

Description(app_id, release_dt, genre, ...)

User(user_id, username, password, location)

Review(review_id, app_id, author_id, review, recommend)

Own_Game(app_id, user_id)

Preprocess

1. Drop null value
2. Drop duplicates columns that violate key constraints
3. Extract user data and Own-game data from Review
4. Formalize input(including transform string to datetime type)

Website Architecture

Login Page

Main Page

Game Page

Profile Page

Let's go to our website : <https://github.com/qihang-dai/SteamDB>