

# Group 5: GameSpot - Project Proposal: Phase 1

Angel Flores, Austin Spencer, Daniel Gamez, Nfn Sonkwaiataroroks

Instructor: Jia Zou

Group Number: 5

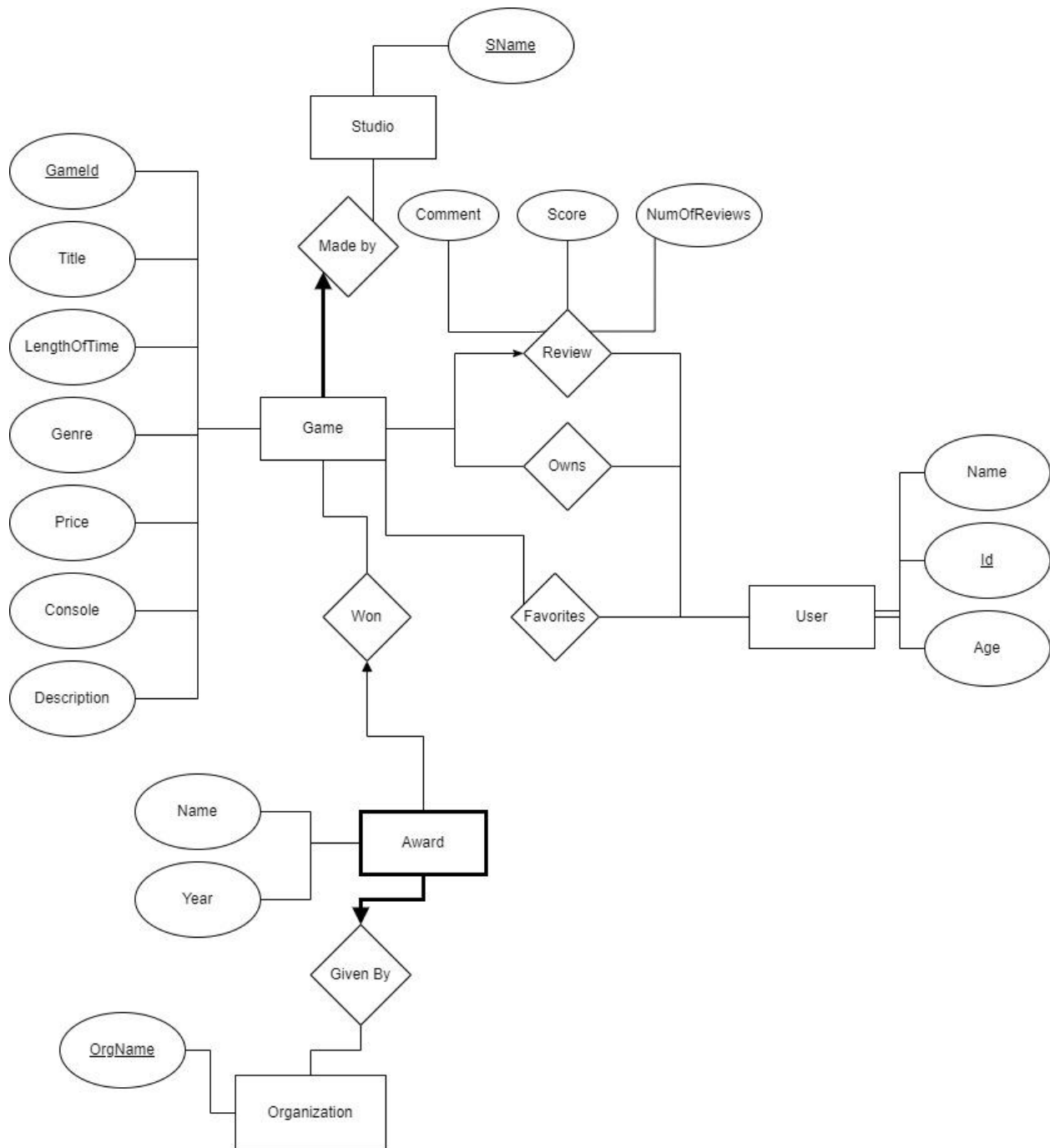
Project Name: GameSpot

Date: Mar 12, 2022

## Detailed Application Requirements:

By using Python, various Python libraries for front-end development, and the PostgreSQL python library psycopg2, we plan on creating a web application that creates a video game library for users. Using game information like genre, rating, awards, etc., a user can find any game based on their preferences or search input. The users will be able to store games played, create a wish list for anticipated games, review games with a star rating system, rate other reviews for accuracy and find games based on recommendation and rating. A user interface will allow users to see games by the cover and the game information to easily navigate the library.

## ER Diagram:



## Implementation Plans:

Our implementation plan is to use Django(An open source python web framework), Python, and HTML. Using Django to connect to a postgresQL database, we can access the robustness of the framework for a web application while also benefiting from the power of a postgresQL database. We plan on simultaneously working on the frontend and backend to be able to test the connection between user interaction and necessary database functions.

## Presentation:

Youtube Link: <https://youtu.be/Bnp-Cy7jNNo>