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Assignment 5 - project proposal

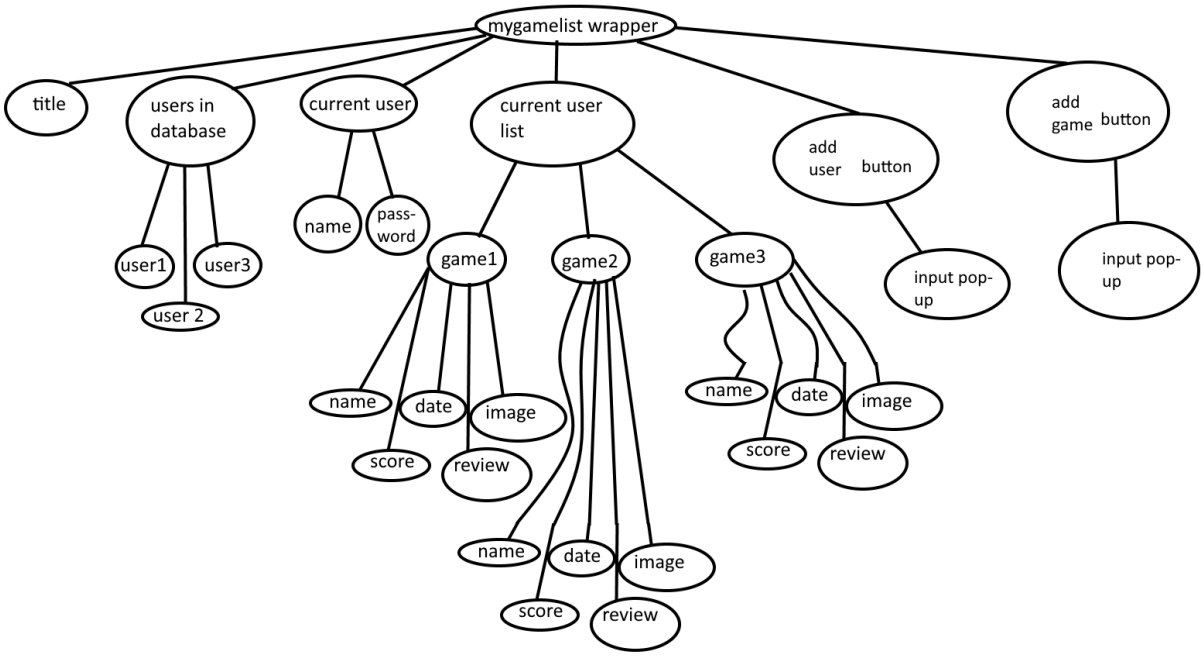
Description

My project will be a game's list similar to MyAnimeList, but instead accessing the site's database to create your list, you will be building your own. Users will be able to store the games they've played as well as the game's score, review, date started/finished, and image. Users will also be able to see other user's lists. You will be able to scroll through your list, and sort your list based-off any of the parameters (for example, by score in ascending order).

There will be 'add game' and 'add user' buttons. When a user is created, they need to enter their name and password. Whenever they want to add a game, they must enter the correct password before entering the game's information.

UI Mockup

React Client



- mygamelist wrapper
    - holds users array, which holds
        - username
        - password
        - games array, which holds
            - name, score, data, image, review
    - button event will change user array index
- title (will never change state)
- users in database (will never change state)
    - button event will call mygamelist wrapper's button event and pass in user array index
- current user
    - will have access to the name of the current user through props
- current user list
    - will have access to the name of the current games', score, date, image, and review through props.

- add user
    - will popup input asking for username and password
- add game
    - will popup input asking for password of current user
    - then it will popup input asking for game information

Express Server

- routes
    - create database
    - create table
    - add user
    - add game information
    - update user
    - update game information
    - delete user
    - delete game information
- method of sending data: query strings

SQL tables

1. GAME_LIST
    a. user_id
    b. user_pass
    c. game_name
    d. game_score
    e. game_review
    f. game_date_start
    g. game_date_finish
    h. game_image_src