

Team Prize Picks

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SoftDev

P02 - Makers Makin' It, Act I

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Target Ship Date: 2025-01-17

Description

We are making a cool website filled with your favorite mini-games! Players will be able to play games and earn points. These points can be used to buy awards or perks in the online store. There will also be a leaderboard component for top-performing users.

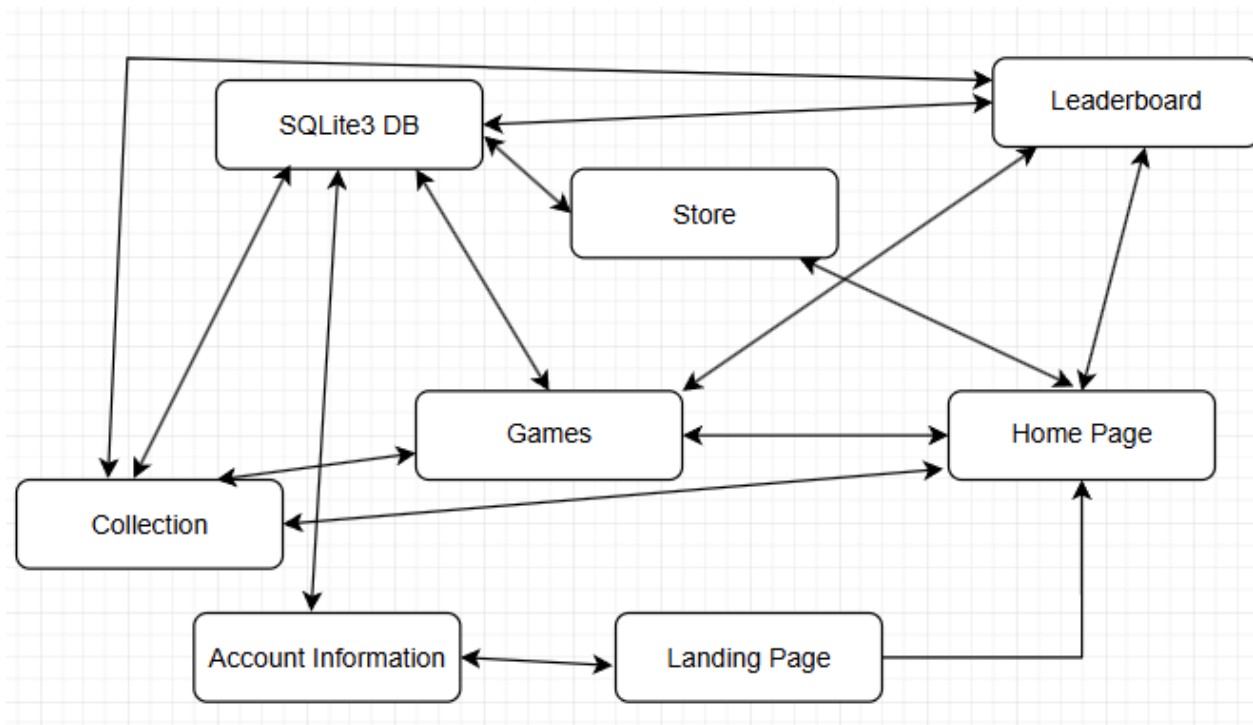
Components

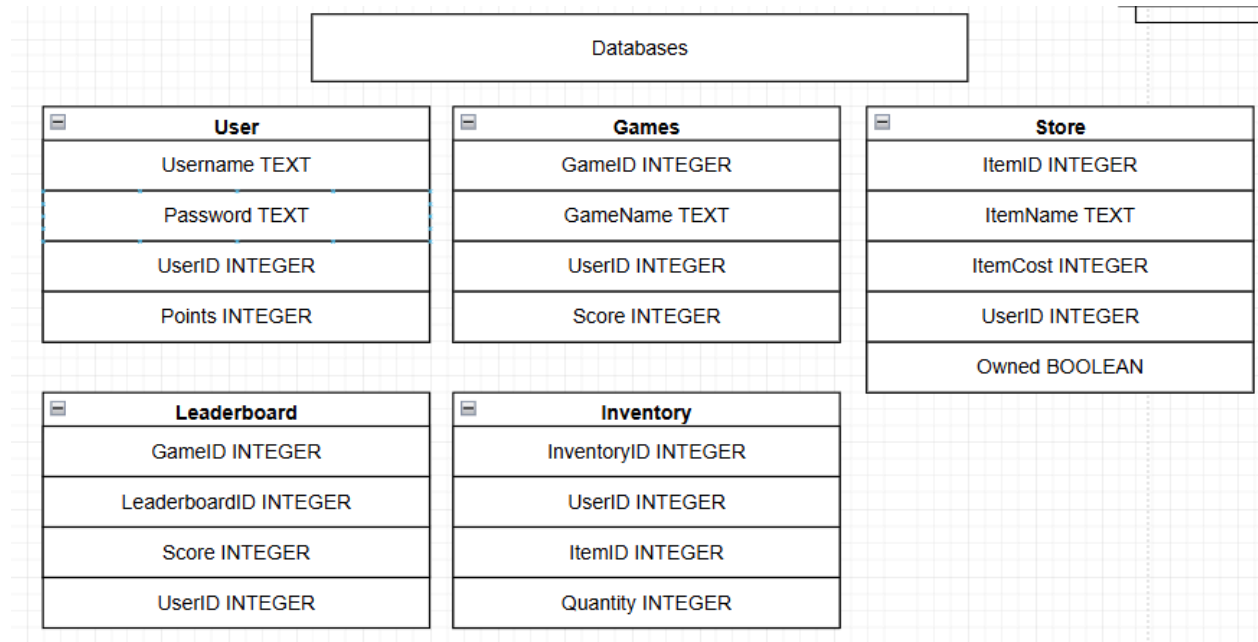
- Accounts
 - Log in
 - Log out
 - Register
 - Sessions
- Games
 - Game icons on the homepage in column format
 - Wide variety of games, click on the image or title to redirect to game
- Store
 - Uses the points systems
 - Can buy different perks like profile banners/effects
- View your collection/inventory
 - See how many points you have
 - See what perks you have
- Render pages via HTML
- Store information via SQLite3

Component Relationships

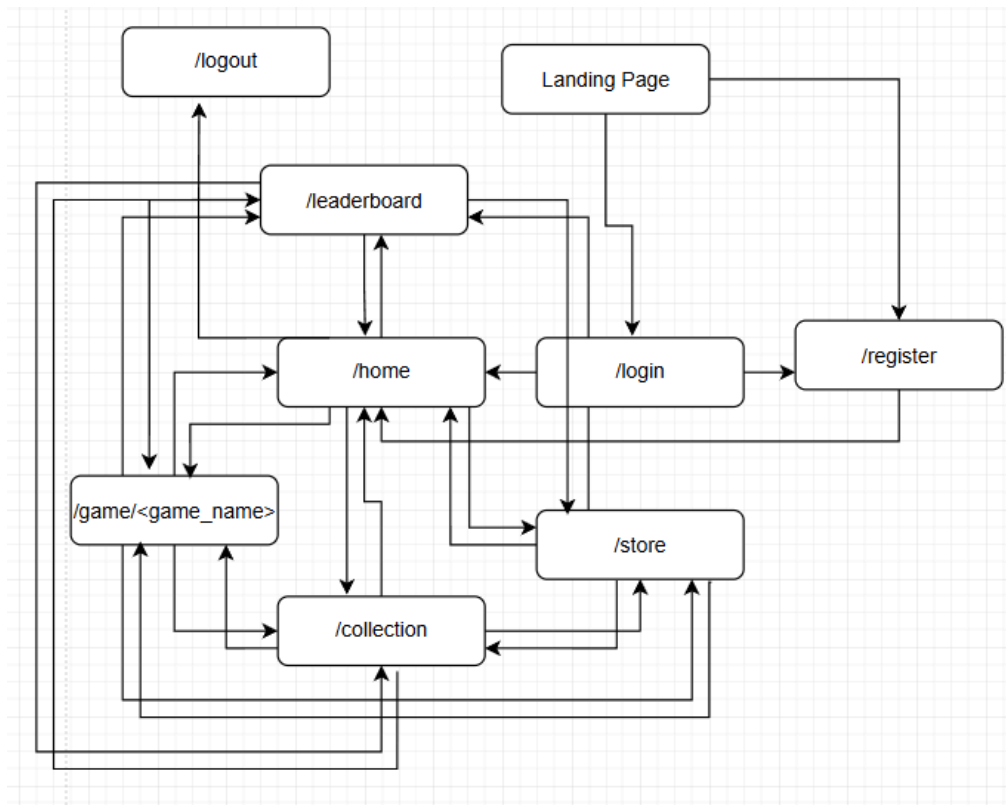
- Users can play the minigames without logging in. However, it will not save their scores and coins
- Route to a landing page where the user can sign up/log in
- The main mini-game page will have buttons that routes to a different page for each game
 - Flappy Bird, Block Blast, e.t.c

Component Relationships Visualization





Site Map (front end)



/ - Landing Page

/login - Login Page

/register - Register Page

/home - Homepage

/game/<game_name> - Game Pages (e.g., /game/flappybird, /game/blockblast, /game/snake)

/store - Store Page

/collection - Collection Page

/leaderboard/<game_name> - Leaderboard Pages for individual games

/logout - Logout Page

Front-end Framework

Tailwind because of ease of use and variety of built-in features. Tailwind has some pretty cool animated effects. Columns, flexbox, and animations will definitely be used.

Task Breakdown

TASK	Wen Zhang	Raymond Lin	Jackie Zeng	Chris Louie
Setting up Python, SQLite3, and Tailwind environments.	X	X	X	X
User Authentication	X	X		
Flappy Bird				X
Block Blast				X
Connect Four	X			
Word Hunt		X		
Snake			X	
Minesweeper			X	
DB Lead			X	
Final Testing and Bug Fixing	X	X	X	X

