

PROJECT 2

Pd 9 | Team zeroish

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WHAT DOES IT DO?

We are coding tetris, a tile-matching puzzle video game and implementing a Facebook API so users can connect to Facebook to easily log in. Users will be able to see other users' high (and average) scores as well as the site's highest scores and compete to make it to leaderboards. In addition, there is snake as well, which also allows for the sharing of scores.

OUR APIs

- Facebook API (uses OAuth)

FILES

Root

- app.py
 - Flask routing and main py file

Utils/

- auth.py
 - Handles account creation & authentication (and facebook functions)
- snake.py
 - Handles score transmission for snake
- tetris.py
 - Handles score transmission for tetris
- user.py
 - Handles user data (for profiles)

Templates/

- home.html
 - A welcome page that displays some info about the project
- leaderboard.html
 - A leaderboard of all the highest, and top average, scores for each game
- login.html
 - Basic login page
- profile.html
 - The profile page of a specified user, including scores

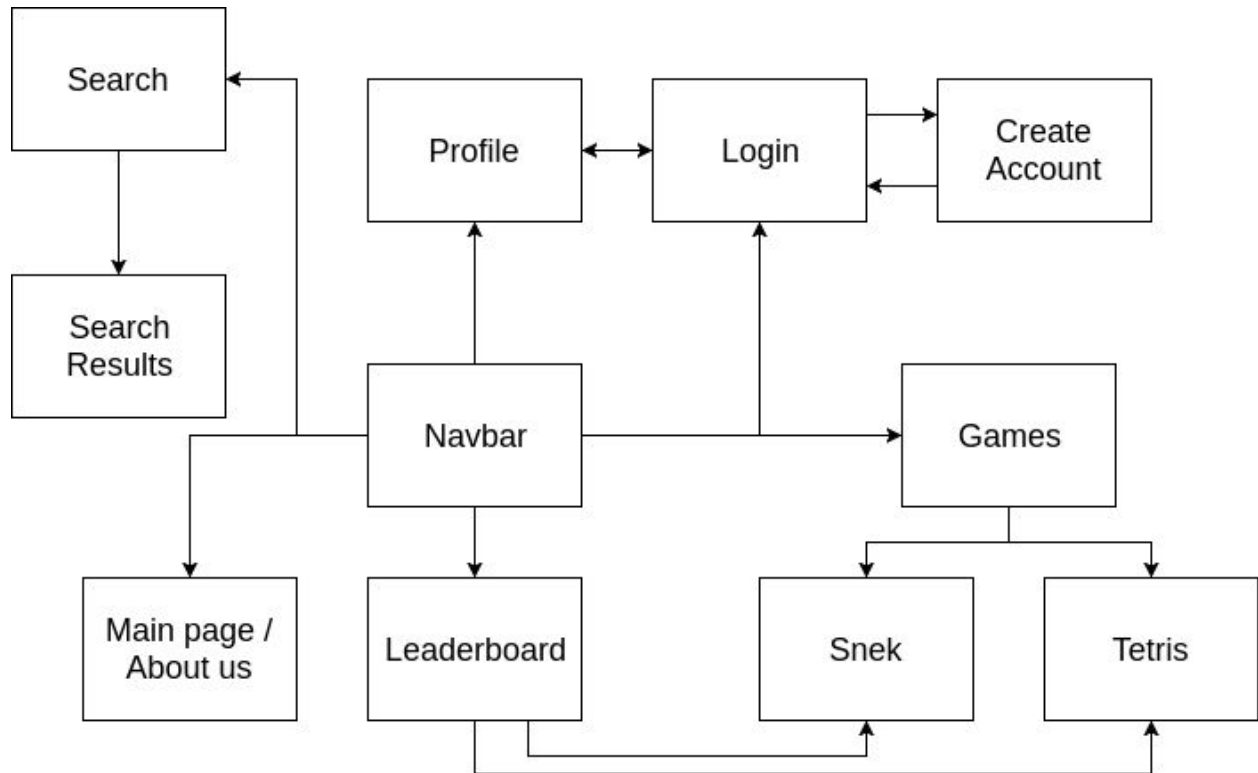
- register.html
 - A page for registering new accounts (FB and normal)
- results.html
 - The results after searching for a user
- snake.html
 - The page that contains the snake game
- template.html
 - Unused on the actual website, the base page for jinja
- tetris.html
 - The page that contains the tetris game

Static/

- CSS/
 - bootstrap.min.css
 - snek.css
 - Board & UI for snek
 - style.css
 - CSS for template page
 - tetris.css
 - Board & UI for tetris
- JS/
 - bootstrap.min.js
 - jquery-3.1.1.min.js
 - popper.min.js
 - register.js
 - Prompts user when registering new account
 - snek.js
 - Source code for snek
 - tetris.js
 - Source code for tetris
- IMG/
 - default.png
 - Default user pic
 - groupPic.jpg
 - Group pic of the devs for the home page
 - logo.png
 - The zeroish logo
 - pattern.jpg
 - The background image of most pages

SITEMAP

*The Navbar is on every page



DATABASE SCHEMA

Database	Values
Users	username TEXT PRIMARY KEY, hashed_pass TEXT, avatar BLOB
Tetris	username TEXT PRIMARY KEY, scores TEXT, average REAL, highscore NUMERIC, numplayed NUMERIC
Snek	username TEXT PRIMARY KEY, scores TEXT, average REAL, highscore NUMERIC, numplayed NUMERIC

TASK ASSIGNMENTS

Cynthia: FB integration & login, database, JS (w/ Jake & Ish)

Ishtiaque: Database + Snake game(HTML, CSS, JS)

Adeebur: Project manager, Front end

Jake: Tetris game (HTML, CSS, JS)