

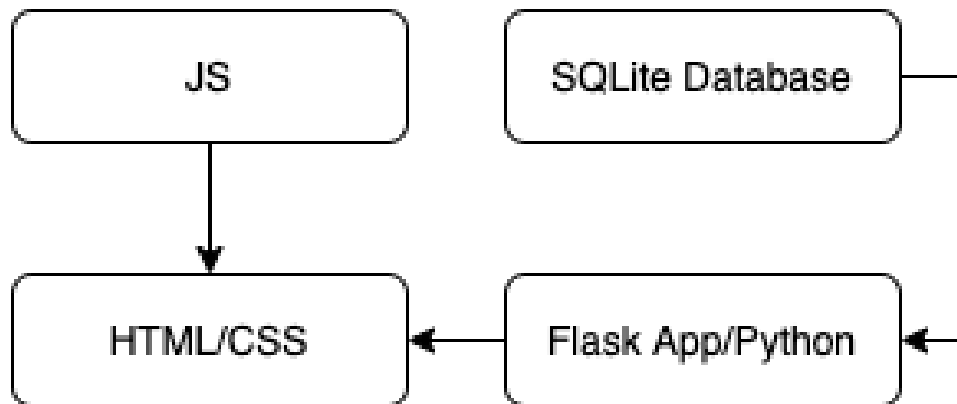
Team Cows Go Moo :: Stella Oh, Winnie Huang, Helena Williams,
Constance Chen
Softdev Pd 1
P5: This is the End
2021-05-24

DESCRIPTION: A website full of minigames which include a memory card game, a color guessing game, balloon shooting game, and whack-a-mole. There will be a scoreboard within each game so that users can compete amongst one another.

PROGRAM COMPONENTS AND ROLES

- **Python:** layers the application with “middleware” modules
- **Flask App:** serves as web server/delivery framework
- **HTML/CSS/Bootstrap:** templates and design of front-end pages
- **JS:** enables dynamic and interactive experience on the webpage
- **SQLite3:** provides tables to store API data for caching purposes

COMPONENT MAP

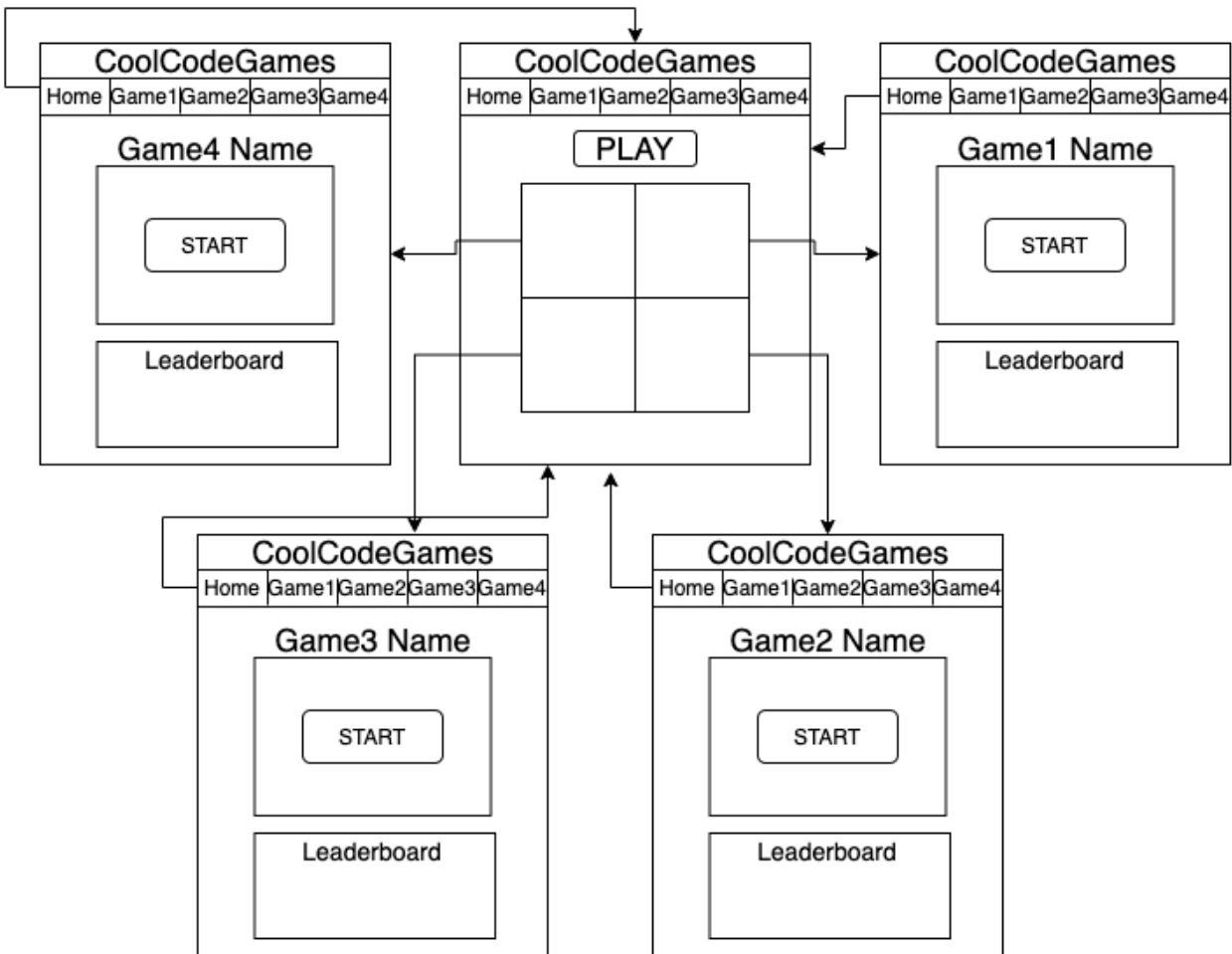


DATABASE ORGANIZATION

Leaderboard Table (Each game uses this table format)

ID	Username	Points
INTEGER	STRING	INTEGER

FRONT END MAP



*Each "Game1/2/3/4" option in the nav bar is a link to the corresponding game page

TASKS

- SQLite Database (Stella)
 - Create database
- Flask App (Everyone)
 - Page linkages
 - Access and manage database
- JS (everyone)
 - File for homepage (everyone)
 - File for Game1 (Constance)
 - File for Game2 (Helena)
 - File for Game3 (Stella)
 - File for Game4 (Winnie)
- HTML/CSS
 - Template for homepage (everyone)
 - Template for Game1 page (Constance)

- Template for Game2 page (Helena)
- Template for Game3 page (Stella)
- Template for Game4 page (Winnie)

PROJECTED TIMELINE: COMPLETION (06/11)

- SQLite Database (05/28)
- Flask App (06/02)
- JS (06/06)
- HTML/CSS (06/08)