

Team OKzoomers

Members: Hannah Fried (PM), Matthew Chan, Saad Bhuiyan, Jacob Olin

Project Name: Sportsball Cards

Frontend framework: BOOTSTRAP

Division of Labor:

- **Database:** sqlite3 commands, facilitating adding/editing data, creation of databases (SQLite)
- **Frontend:** HTML templating files, using blocks, Jinja interactions
- **Backend:** linking form data from site to database functions, Flask routing to different stories, API implementation

- Hannah: **Project Manager**, **Backend** (mainly assisting)
- Matthew: **Database**
- Jacob: **Backend**
- Saad: **Frontend**

Database Layout Diagram(s):

sportsball.db

users - this table holds the authentication data necessary to check users' login information

user_id	username	password
0	"CobyEatsHorseMeat"	"dontTellMyWife"
1	"PETAisONyourBUTT"	"passableword"
... (INTEGER, UNIQUE, PRIMARY KEY)	... (TEXT, UNIQUE)	... (TEXT)

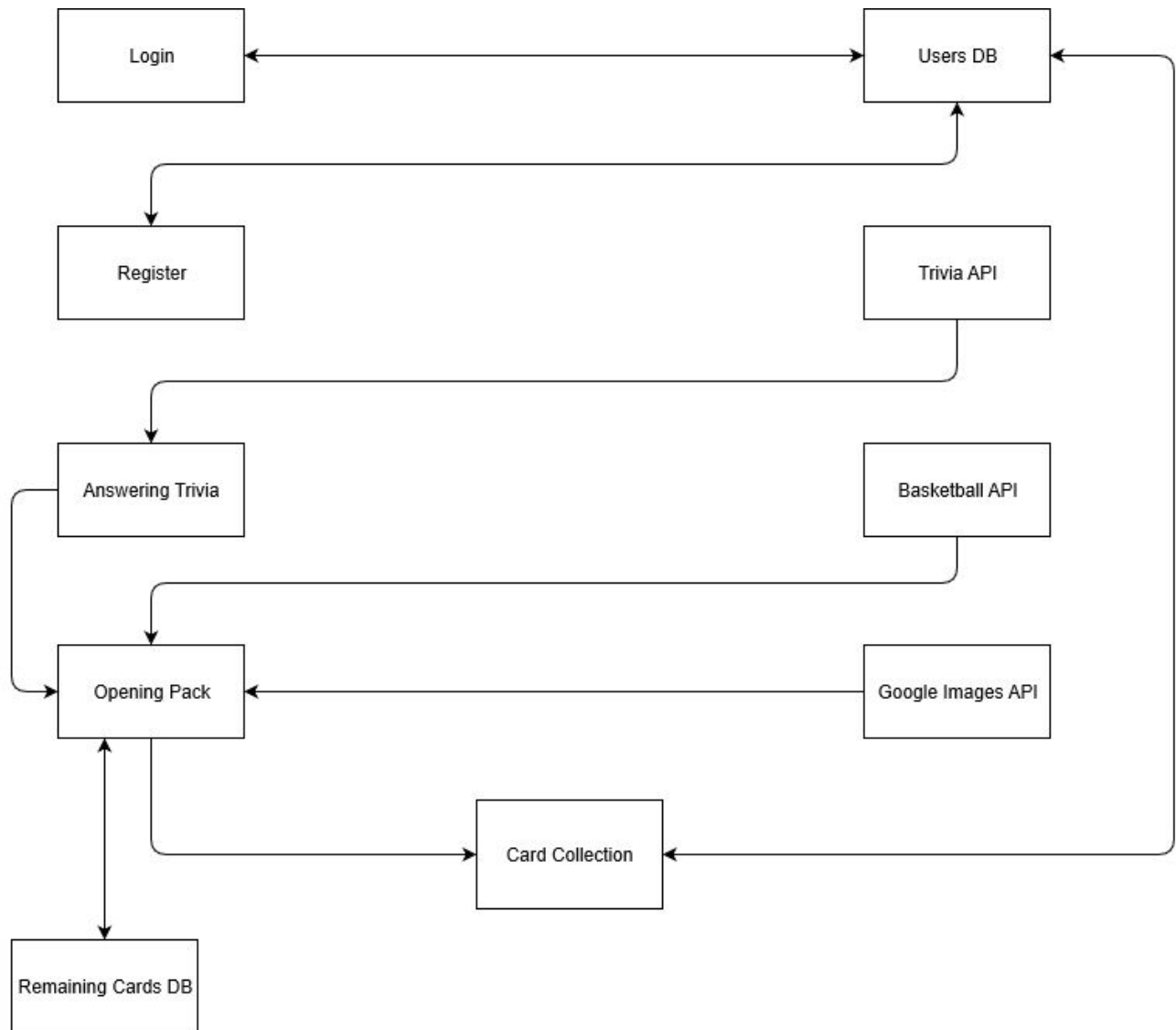
cards - this table holds the cards currently in existence; the rarity can be 1, 2, or 3 and will add to the maximum quota of cards of a given player_id calculated from the stats of that player

player_id	user_id	rarity
22	2	1
163	5	3
... (INTEGER)	... (INTEGER)	... (INTEGER)

cache - this table holds data accessed from APIs to optimize quota usage

player_id	data	picture
32	(data received about the player from the BallDontLie API)	(link of a picture of the player from image search API)
275
... (INTEGER, UNIQUE, PRIMARY KEY)	... (TEXT)	... (TEXT)

Component Map:



Component/Page Description:

Site Branding	Potential Navbar Items
<div><p>Login</p><div><div>Username <input type="text"/></div><div>Password <input type="password"/></div><div>Login</div></div><p>Don't have an account?</p><div>Register</div></div> <div>Flash (or alerts) for error messages.</div>	
<div><p>Register</p><div><div>Username <input type="text"/></div><div>Password <input type="password"/></div><div>Password <input type="password"/></div><div>Submit Registration</div></div><div>Flash (or alerts) for error messages.</div></div>	
<div><p>Trivia</p><div><div>① Question</div><div><ul style="list-style-type: none">ChoiceChoiceChoiceChoice</div></div><div>10 QUESTIONS</div><div><div>⑩ Question</div><div><ul style="list-style-type: none">ChoiceChoiceChoiceChoice</div></div><div>Question answer choices are buttons and will flash/alert if the indicated answer choice is correct or incorrect.</div></div>	

Site Branding

Potential Navbar Items

Trivia

Answer choices correct.

Pack earned?

Redeem Pack

Site Branding

Potential Navbar Items

Pack Content

Name
Image
Stats

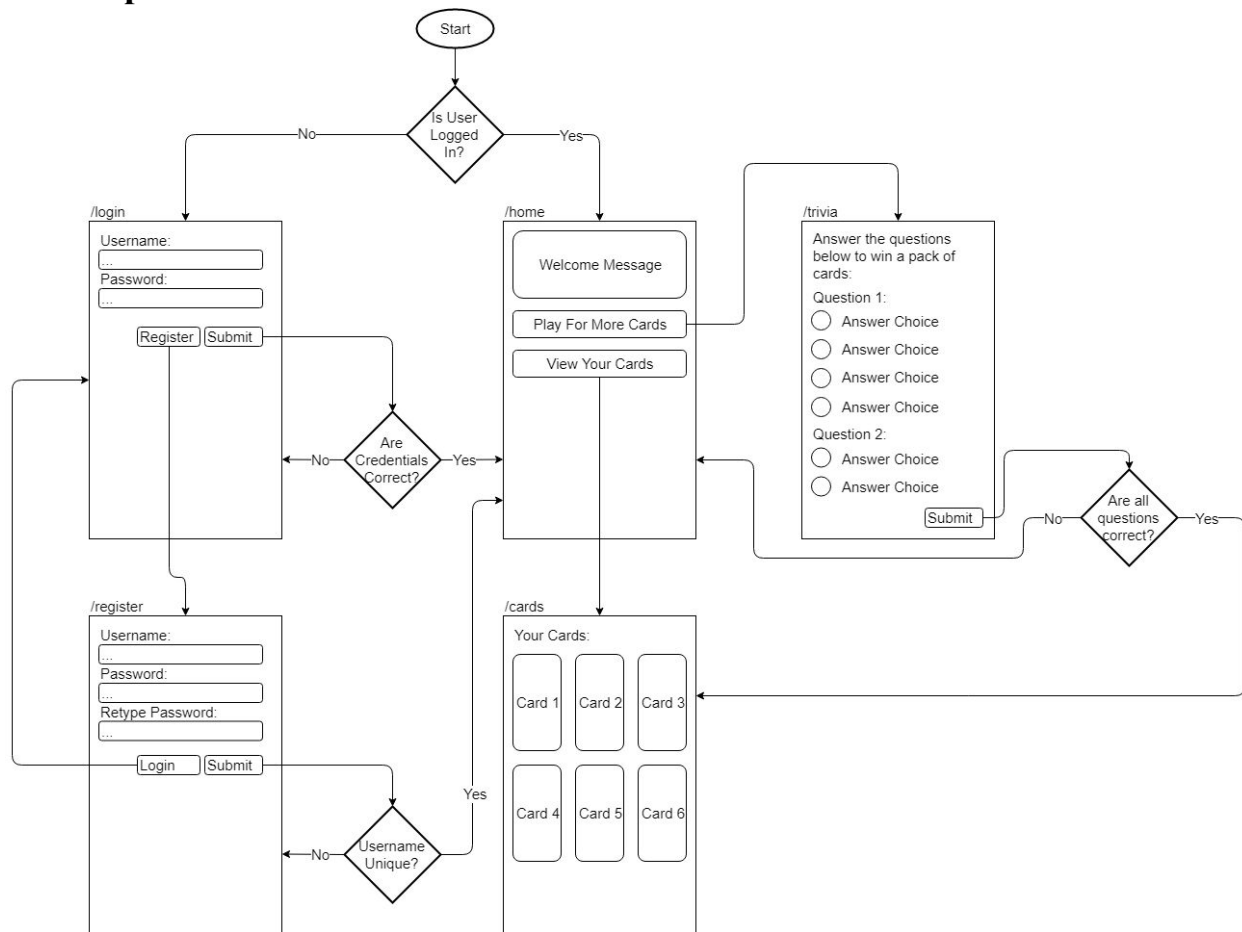
Site Branding

Potential Navbar Items

Username's Inventory

<table><tr><th>Name</th></tr><tr><td>Image</td></tr><tr><td>Stats</td></tr></table>	Name	Image	Stats	<table><tr><th>Name</th></tr><tr><td>Image</td></tr><tr><td>Stats</td></tr></table>	Name	Image	Stats	<table><tr><th>Name</th></tr><tr><td>Image</td></tr><tr><td>Stats</td></tr></table>	Name	Image	Stats
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Site Map:



**pages shown only include functionality aspects, for the design layout view the Components section*