

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

cache - this table holds local data for cards (and other offline elements if necessary)

id	data	picture
(id of a certain player)	(data received about the player from the BallDontLie API)	(picture of the player from image search API)

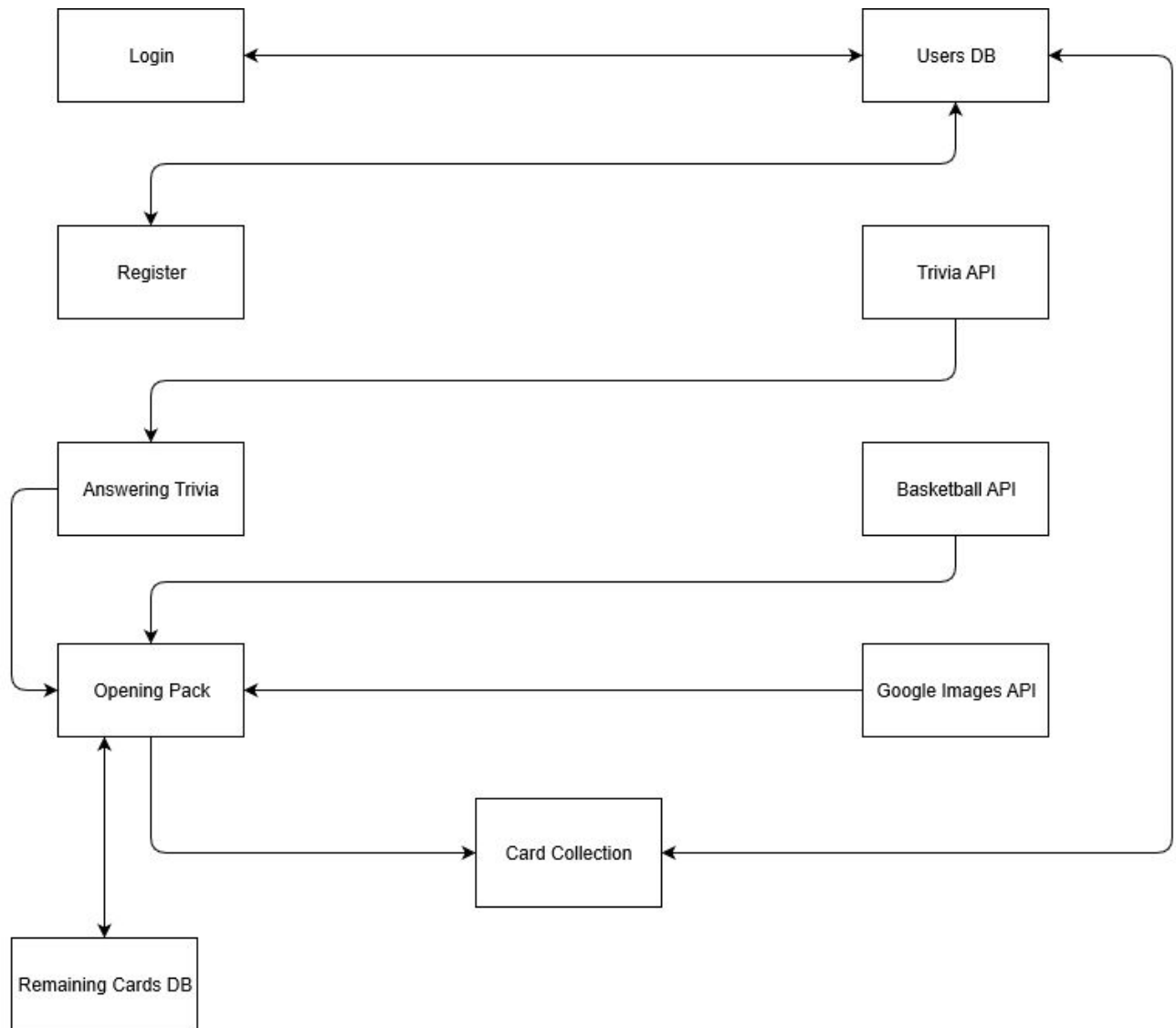
Users - this table holds the authentication data necessary to check users' login information

username	password
"CobyEatsHorseMeat"	"dontTellMyWife"
"PETAisONyourBUTT"	"passableword"
... (TEXT, UNIQUE)	... (TEXT)

cards - this table holds the actual 'cards' in that there will be as many copies of a given card as their rarity allows. So different copies of the same card will have different IDs, and subsequently be distributed to different users.

id	owner	rarity
Ex: 22	Ex: Saad00	(Each card can only be obtained so often in a given time based on a quota) (rarity decided based on weight calculated from stats) Ex: 20 copies
Ex: 237	Ex: Matt00	Ex: 65

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:

