Kitty War

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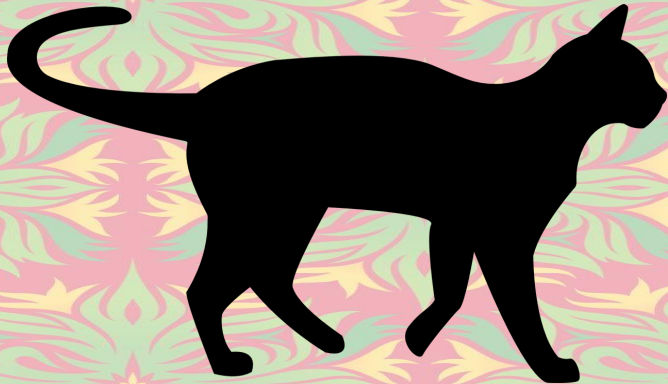
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Motivation

We had iPhone App Kitty War game!!

We want to build web-based Kitty War card game this time.

Meow~

Completed Project Goal

The server matches two players with closing level of skill into one game.

During the game, two players choose their representing cat cards and battle against each other by following the Kitty War Game Rule.

Build a server that handles multiple clients and runs several matches once.

Accomplishment

Cats   Chance Cards   Find Match Here!

Log out

Congratuations! You have following cats...

Name: **Persian Cat**

Description: The Persian cat is a long-haired breed of cat characterized by its round face and short muzzle. The Persian is generally described as a quiet cat. Typically placid in nature, it adapts quite well to apartment life.

Health: 8

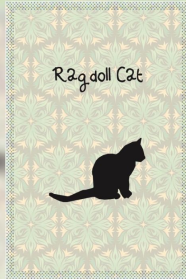Default: 1

Name: **Ragdoll Cat**

Description: The Ragdoll's sweet temperament is probably its most outstanding trait. Ragdolls are large, bulky and handsome cats. They have been commonly referred to as "the gentle giants" - because in spite of their handsomeness and grace, they are extremely even-tempered and docile.

Health: 10

Username:

Email:

Password:

Confirm Password:

Register

Log in

Accomplishment

Kitty War

R2gdoll C2t

Name: Ragdoll Cat

Description: The Ragdoll's sweet temperament is probably its most outstanding trait. Ragdolls are large, bulky and handsome cats. They have been commonly referred to as "the gentle giants" - because in spite of their handsomeness and grace, they are extremely even-tempered and docile.

Health: 10

Default: 1

F A Q

What is Kitty War?   Cat Card Game!!

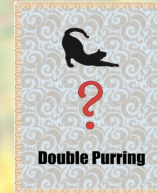What is the basic movement?   Purr&Guard&Scratch

...

Chance Cards

Cats   Chance Cards   Find Match Here!

You may have following chance cards...

Can't Guard
Scratch can't be dodged

Reverse Scratch
Reverse the damage

Double Purring
Gain 2 HP if you don't get attacked

Double Scratch
cause 1 point damage
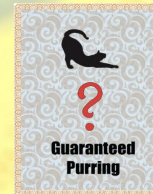
Guaranteed Purring
Gain 1 HP no matter you get attacked or not

Guard and Draw
Draw a new chance card if you successfully dodge

"127.0.0.1:8000/kittywar/chance/" in a new tab

Accomplishment

Biggest Challenge

- Debugging problems related to the network/threads between server and web page
  - Dropped connections
  - Thread Synchronization
- Learning and applying new technologies to create a working game

- Sticking to the sprints and the time allotted by each

Technologies

Web Application: HTML / CSS / Javascript

Server: MySQL, Django, Python

iPhone App: Swift, Xcode

Project Management Techniques

Scrum Board: Trello

Communication: Slack, Scrum Meetings

Other: Google Docs (Shared Documentation)

Things We Enjoyed

Apply techniques learned from class

Dependency Injection to decrease coupled code

Learning new technologies

Working together

Scrum meetings encouraged communication, this helped our team get to know one another and get along

Things We didn't Enjoyed

How brittle systems can be when using multithreading and networking together