



# MTG Website Database

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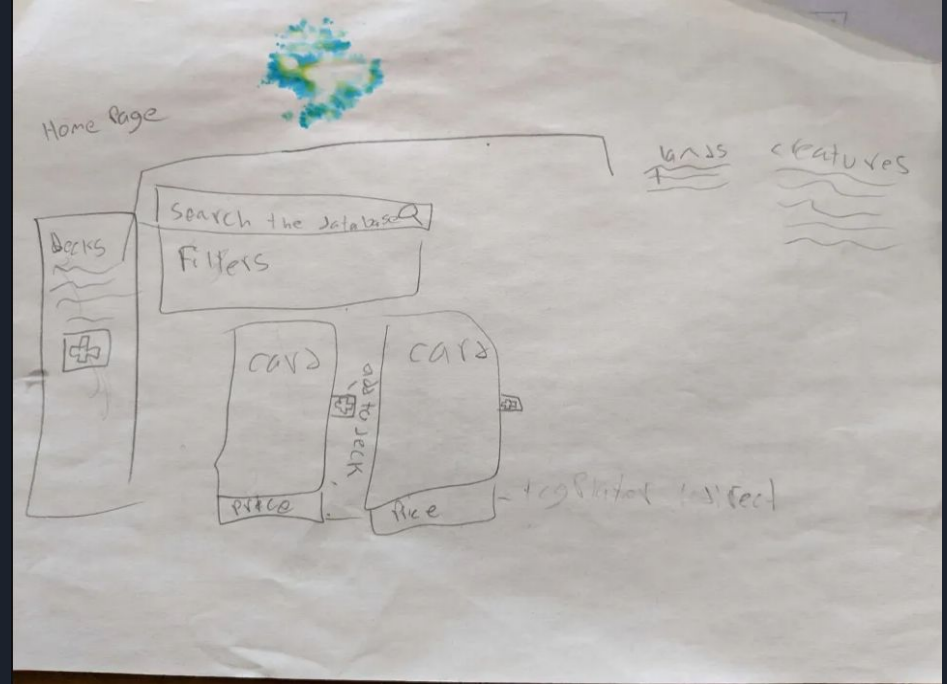
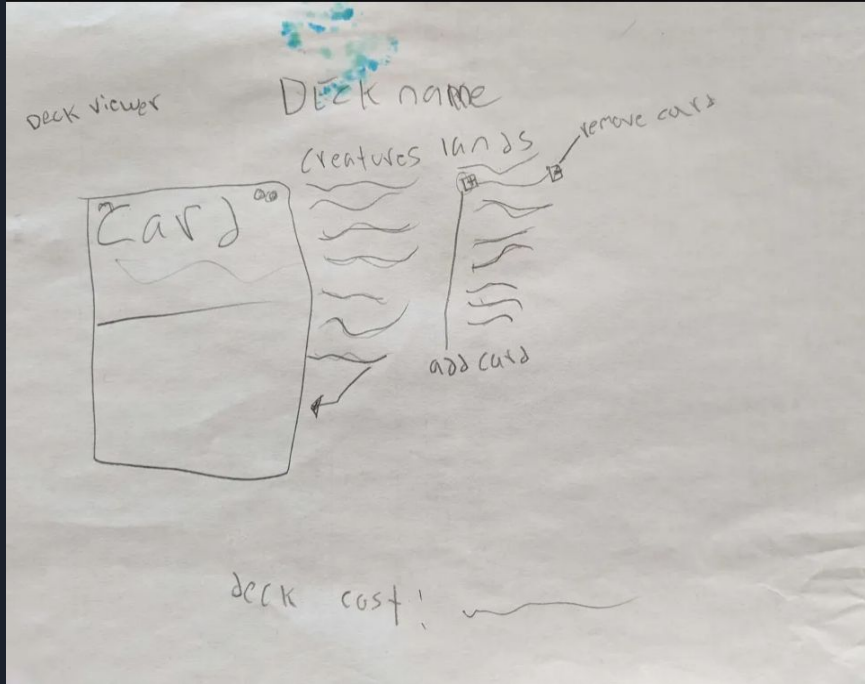


# What it is my IMP Project?

My Imp project is to create a custom MTG-focused website using tools such as VScode to add whatever I want to add to my website. I have implemented a button to get 60 random cards from Scryfall's API. Scryfall is a website that allows you to search all magic cards as well as having a database of all magic cards. The database has prices, legalities, etc. Each card has JSON data. JSON data tells the object what it is. Raw JSON data will have different labels such as "price" then it would show the price of that card. If you want to get the price you would tell the JSON data to give you the value of "price". You could then tell a text box to display "price." It would then look up the value of price and display it.

# Goal - sketch

My original goal was a little too ambitious





# The process

I started with not much just a simple layout with a couple of different tabs. These tabs had names and icons and could redirect you to a website. I played around with those and used a video tutorial of someone making a website and played around with the stuff in the video. The guy in the video was creating a to-do website and I used features such as padding to, well, add padding to an image.

# Timeline

Goal:  
Magic card database  
Accounts Website  
Deck Maker  
Card collection.

Result:  
A website that can grab  
1 or 60 cards from the  
database then tell you  
the price

4/21/24:  
I started working on a Vue tutorial  
teaching me about things I could  
do with my website. Such as using  
loops or functions.

5/9/24  
I learned how to loop.

Start of IMP

End of IMP

I don't really know  
what I'm even doing  
someone please  
help me.

Ok, I somewhat  
understand  
what is going  
on. Still though,  
english please?

Ok I generally  
understand what  
I'm doing and can't  
really explain very  
well.

Yeah I can  
explain what  
most of the code  
does

# Looping!

How to loop:

1. I used a function that at the end calls it self again.

The run through:

2. Set the amount of times you want to do it (Numcards) (Numcards being a variable)
3. The program will fetch a card, add it to an array, then subtract 1 from Numcards.
4. The program will call itself again.
5. The program checks if Numcards is 0. If it is, the program will stop. If it isn't, it will continue.
6. An image will be displaying all of the cards in the array.

You have looped!

```
let deck = ref([]);
function randomdeck(numcards) {
  if (numcards == 0) {
    console.log(deck.value);
    return;
  }
  api
  .get("https://api.scrryfall.com/cards/random")
  .then((response) => {
    if (response.data.image_uris) {
      deck.value.push(response.data);
      randomdeck(numcards - 1);
    } else {
      randomdeck(numcards);
    }
  })
  .catch(() => {
    $q.notify({
      color: "negative",
      position: "top",
      message: "Loading failed",
      icon: "report_problem",
    });
  });
}
```

# Website (screenshot)

localhost:9000/#/decks

☆ | 📄 | 🗑️ | 🌐 Error

Deck list

Decks

Izzet Spells

Rakdos Sac

Azorius Control

Dimir Rogues

Selesnya Tokens

Orzhov Removal

Gruul Creatures

Boros Equipment

Golgari Graveyard

Test Page

**DECKS** ▾

☰ Decks Menu


There is something here!

## Decks

RANDOM 60 CARDS


No price information available for USD :(

4




**Briqah Representative**  
Creature — Human Advisor  
While writing, you get an additional vote. (The vote can be for different choice or for the same choice.)  
On Plains, no matter is needed until King Breeze offers an opinion.  
1/4

4



**Slash Panther**  
Artifact Creature — Cat  
☞ can be paid with either ☞ or 2 life.  
Haste.  
It runs an endless circuit along the twisted roads of the sun underdogdom. Adrenaline civilization.  
4/2

4



**Lavalanche**  
Sorcery



# Mentor & Content Coach

My mentor was Ms. Kei. She helped me stay on task and be able to explain what I was doing not just code it. My content coach, coincidentally my father, basically carried me through this process.