this.events

'click'	→	callback	callback	callback
'hover'	→	callback		
'exit'	→	callback	callback	

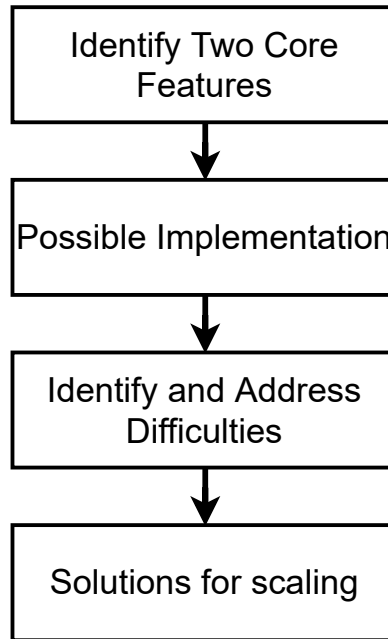How would you design Twitter?

High Level Notes

There is no right answer.
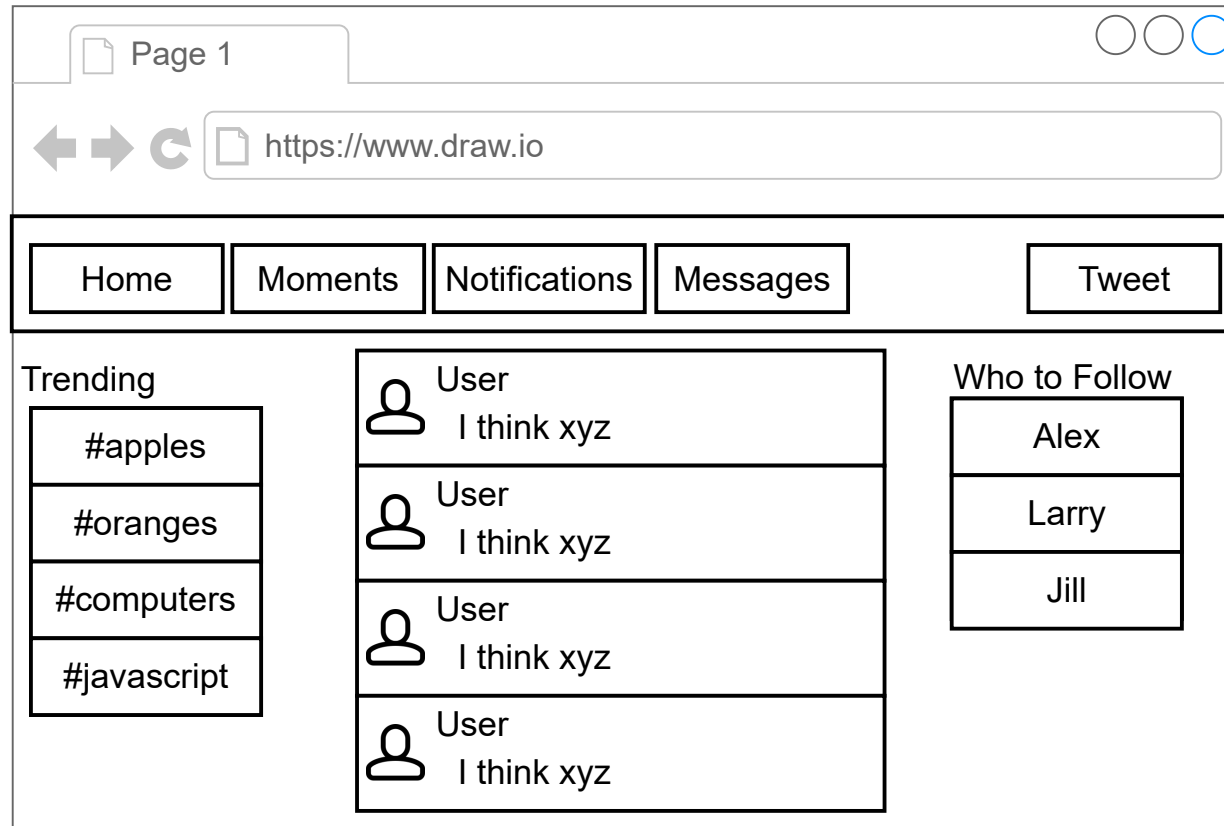
Every interviewer will expect a different answer

Focus is usually on the data model

Don't mention specific technologies

Draw stuff

Talk

```
┌─────────────────────────┐
│   Identify Two Core     │
│       Features          │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│ Possible Implementation │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│  Identify and Address   │
│      Difficulties       │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│   Solutions for scaling │
└─────────────────────────┘
```

https://www.draw.io

| Home | Moments | Notifications | Messages | | Tweet |

Trending

#apples

#oranges

#computers

#javascript

User
I think xyz

User
I think xyz

User
I think xyz

User
I think xyz

Who to Follow

Alex

Larry

Jill

Tweeting

What does a tweet
look like in the DB?

How to make the
'#topic' and
'@mention' systems?

How to implement
retweets?

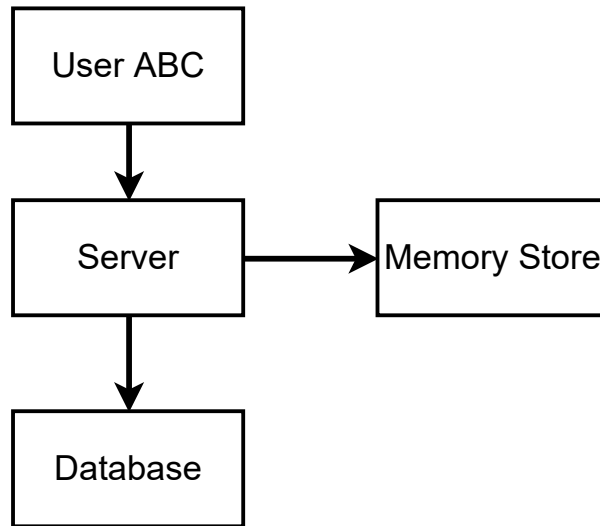| Feed |
|------|

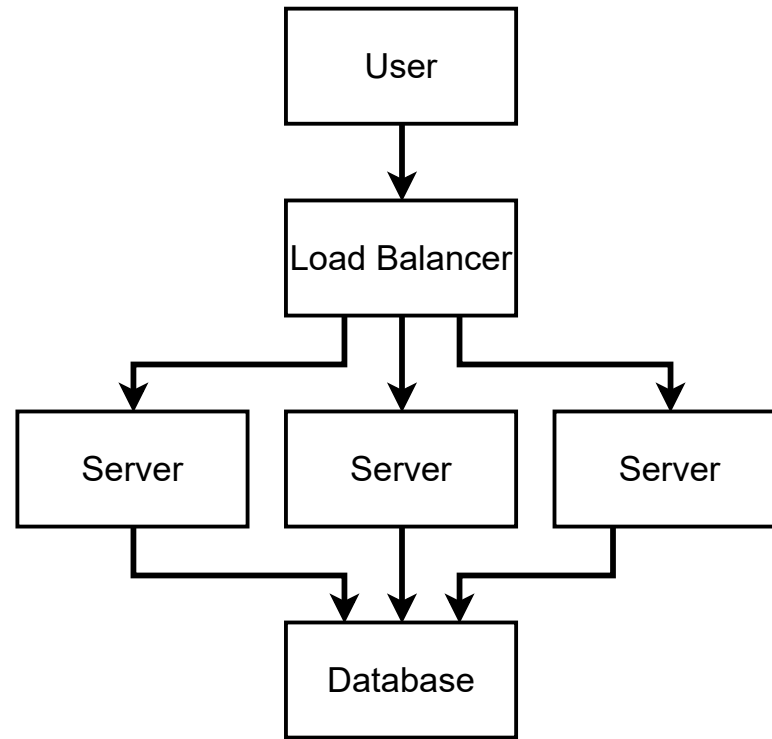How to show
interesting tweets at
top of feed?

Scaling for Users

Caching

Deployment Options

```
┌─────────────┐
│   User ABC  │
└─────────────┘
       │
       ▼
┌─────────────┐        ┌─────────────────┐
│   Server    │───────▶│  Memory Store   │
└─────────────┘        └─────────────────┘
       │
       ▼
┌─────────────┐
│  Database   │
└─────────────┘
```

```
┌─────────────┐
│    User     │
└─────────────┘
       │
       ▼
┌─────────────┐
│Load Balancer│
└─────────────┘
   │   │   │
   ▼   ▼   ▼
┌──────┐ ┌──────┐ ┌──────┐
│Server│ │Server│ │Server│
└──────┘ └──────┘ └──────┘
   │   │   │
   ▼   ▼   ▼
┌─────────────┐
│  Database   │
└─────────────┘
```

How to Get Help

Post on course discussion

PM me on Udemy

Tweet me, @ste_grider