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Let's get Started.

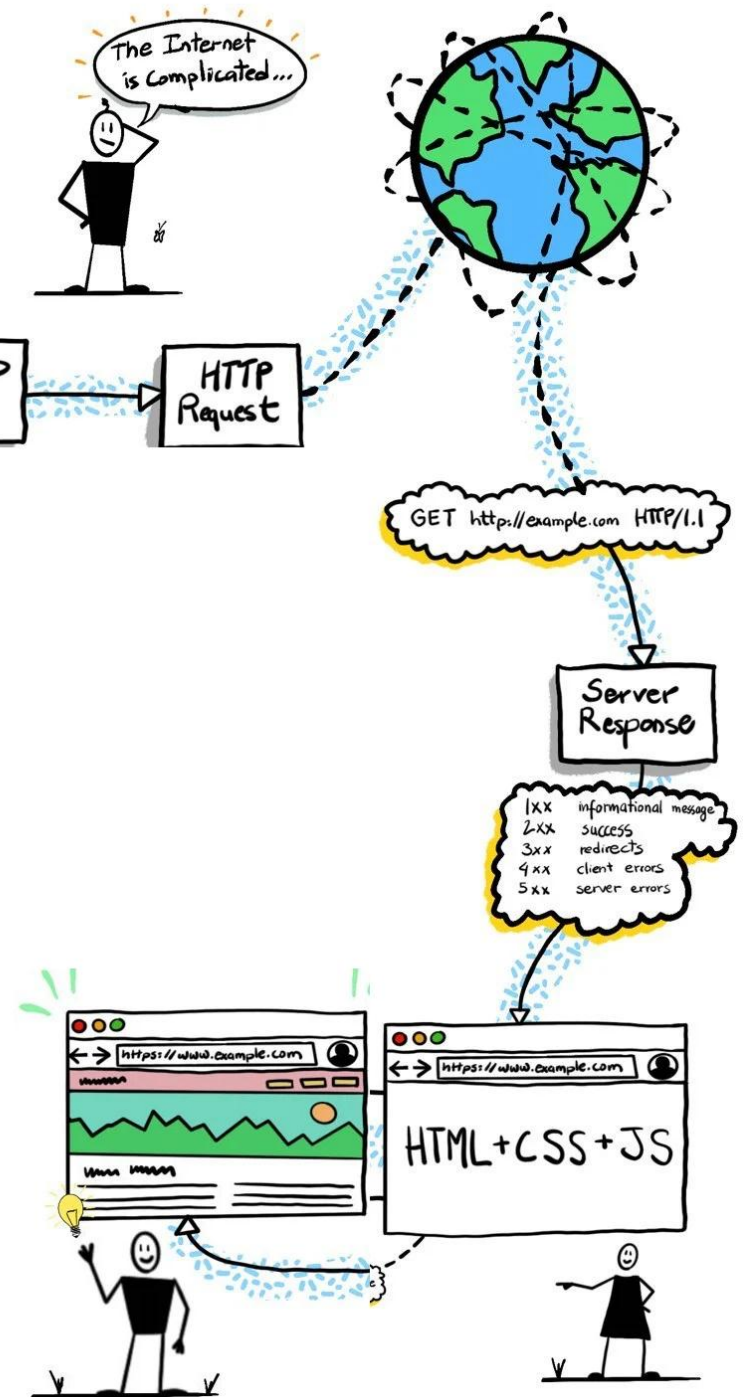
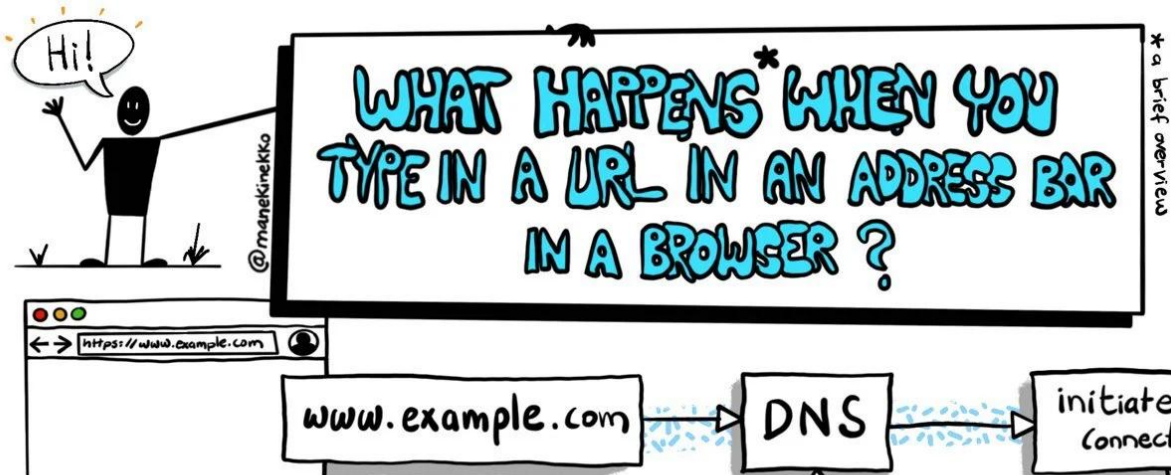


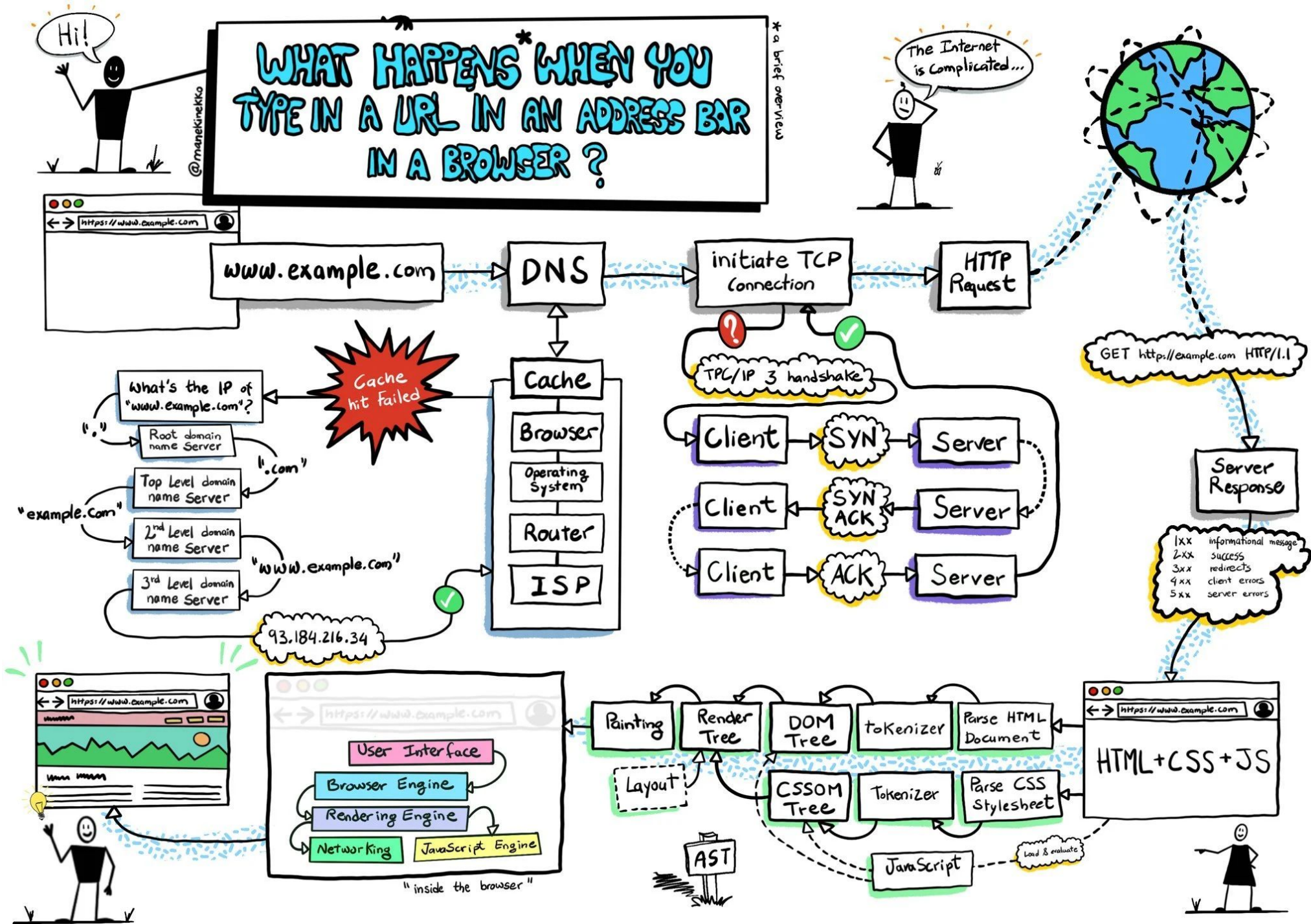


Hello! I'm...

Hussain Shaikh.

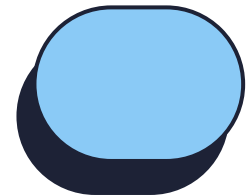
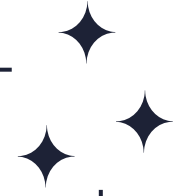
Final year student from Comps dept.  
Working with Django for past 2 years







# Web Applications.



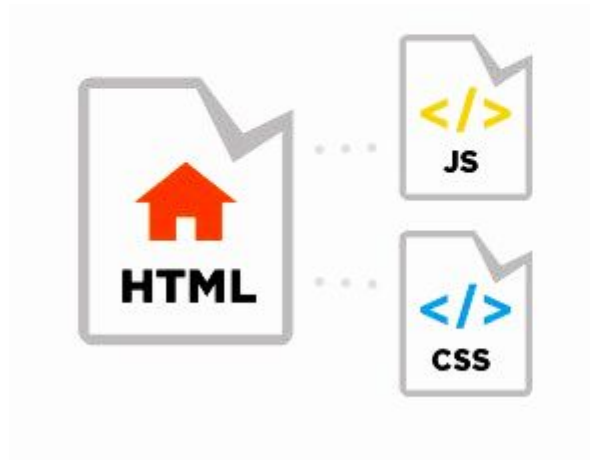


# Static vs Dynamic?



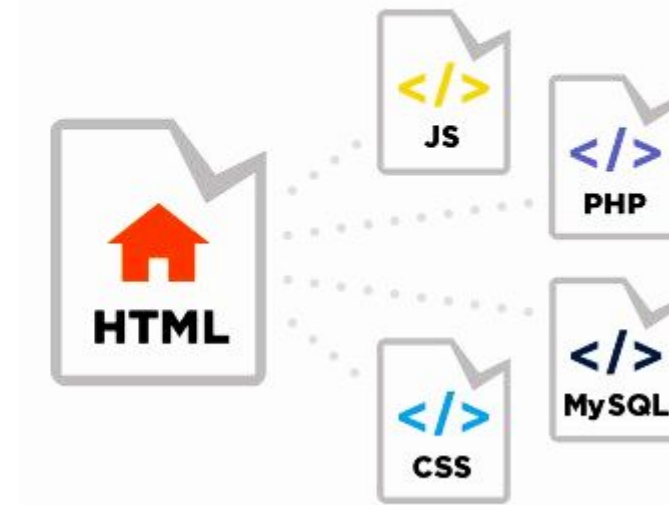
## A static website...

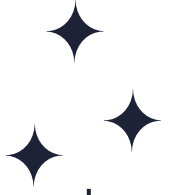
- Fixed content
- No interactivity



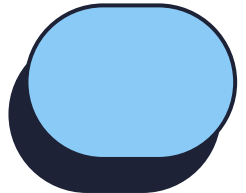
## A dynamic website...

- Changing content
- Interactive





HTTP.



HTTP is an application-level protocol on top of TCP/IP for communication between client and server ✨ ✨ ✨

Client Request...

```
GET / HTTP/1.1  
Host: www.example.com  
...
```

Server Response...

```
HTTP/1.1 200 OK  
Content-Type: text/html  
...
```





# HTTP Status Codes



## 2xx Success

**200** Success / OK

## 3xx Redirection

**301** Permanent Redirect

**302** Temporary Redirect

**304** Not Modified

## 4xx Client Error

**401** Unauthorized Error

**403** Forbidden

**404** Not Found

**405** Method Not Allowed

## 5xx Server Error

**501** Not Implemented

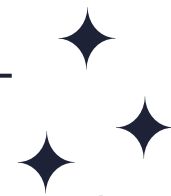
**502** Bad Gateway

**503** Service Unavailable

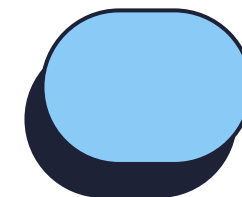
**504** Gateway Timeout

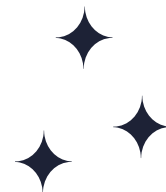
INFIDIGIT





# Django.

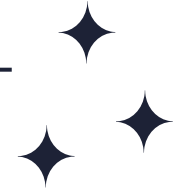




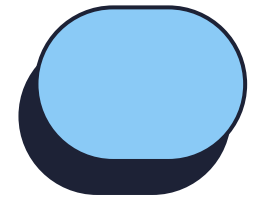
The web framework for  
perfectionists with  
**deadlines.**

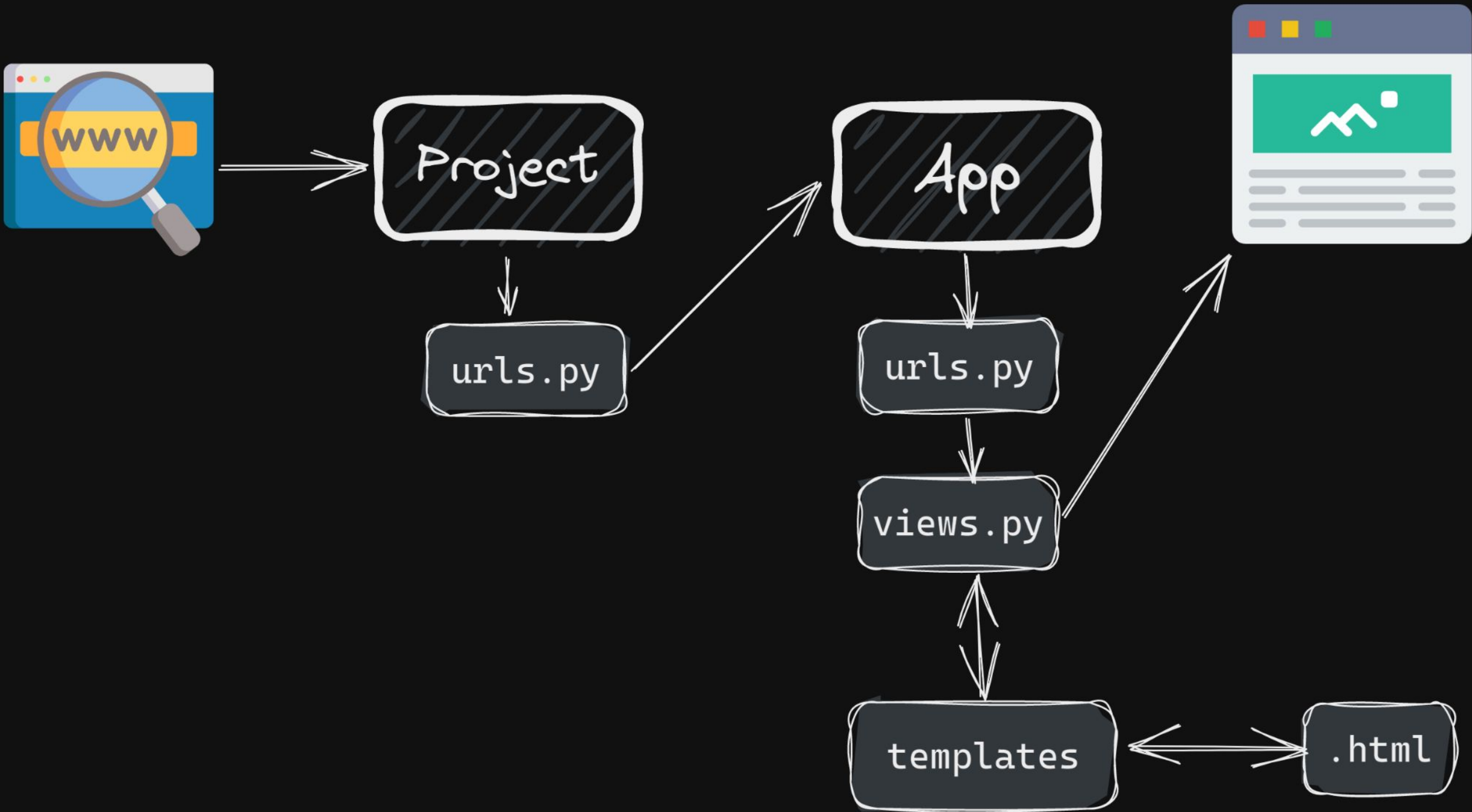
– Django docs

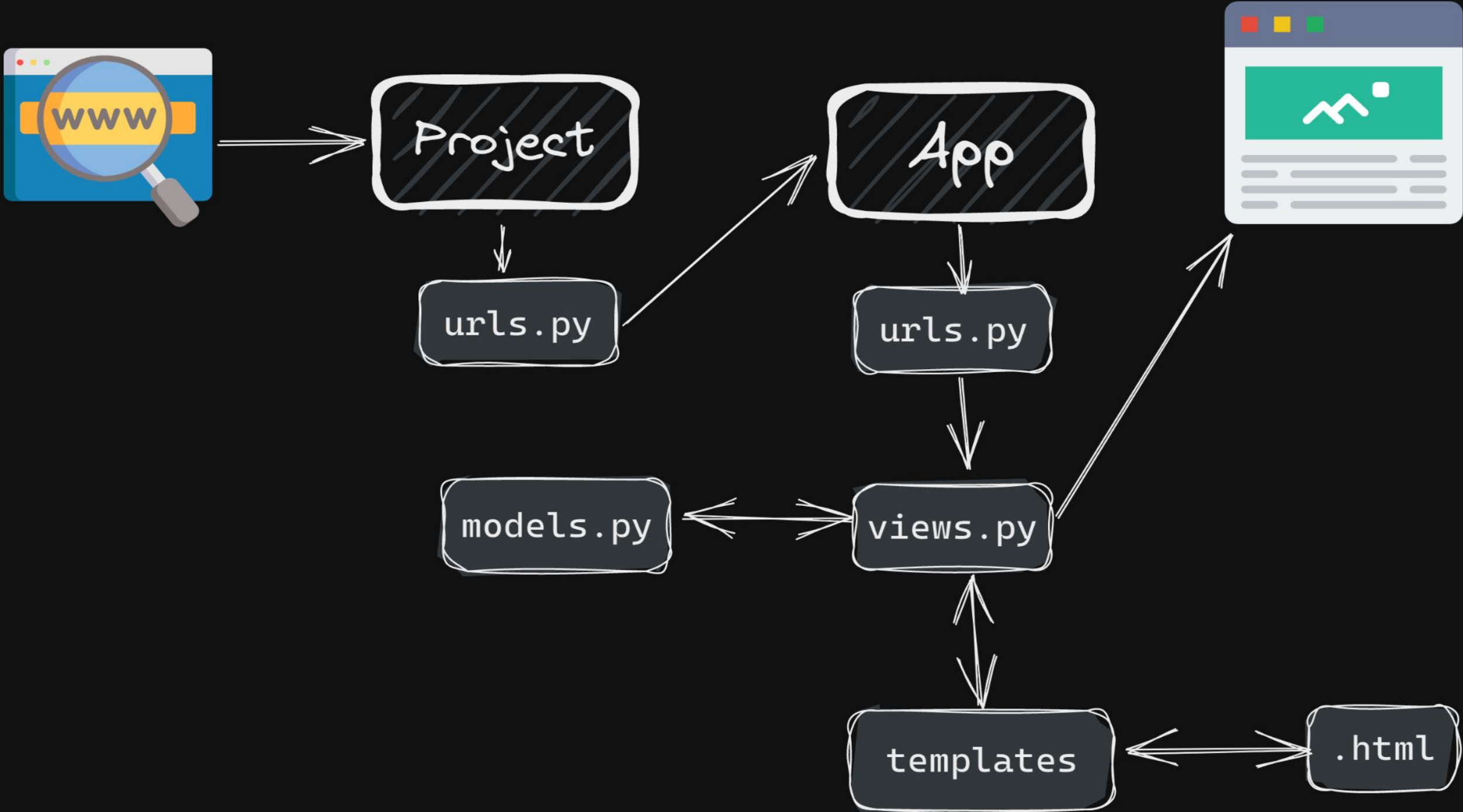


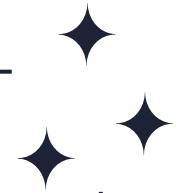


# Django Flow.

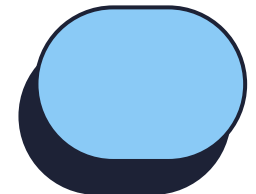




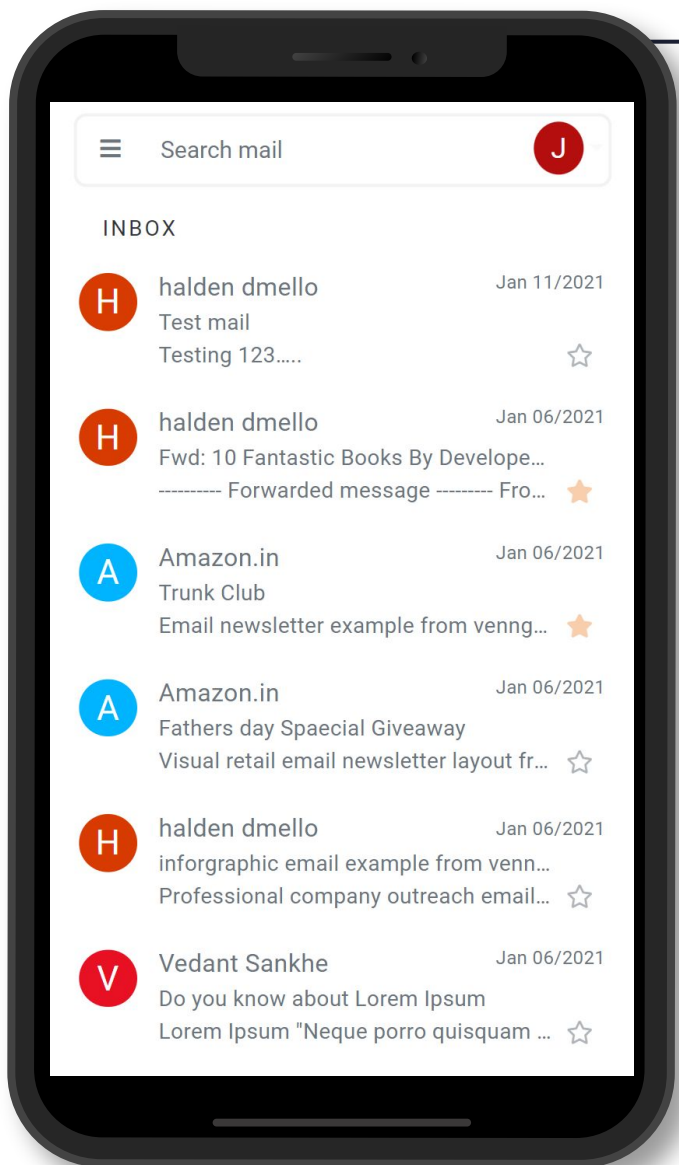




# My Projects.





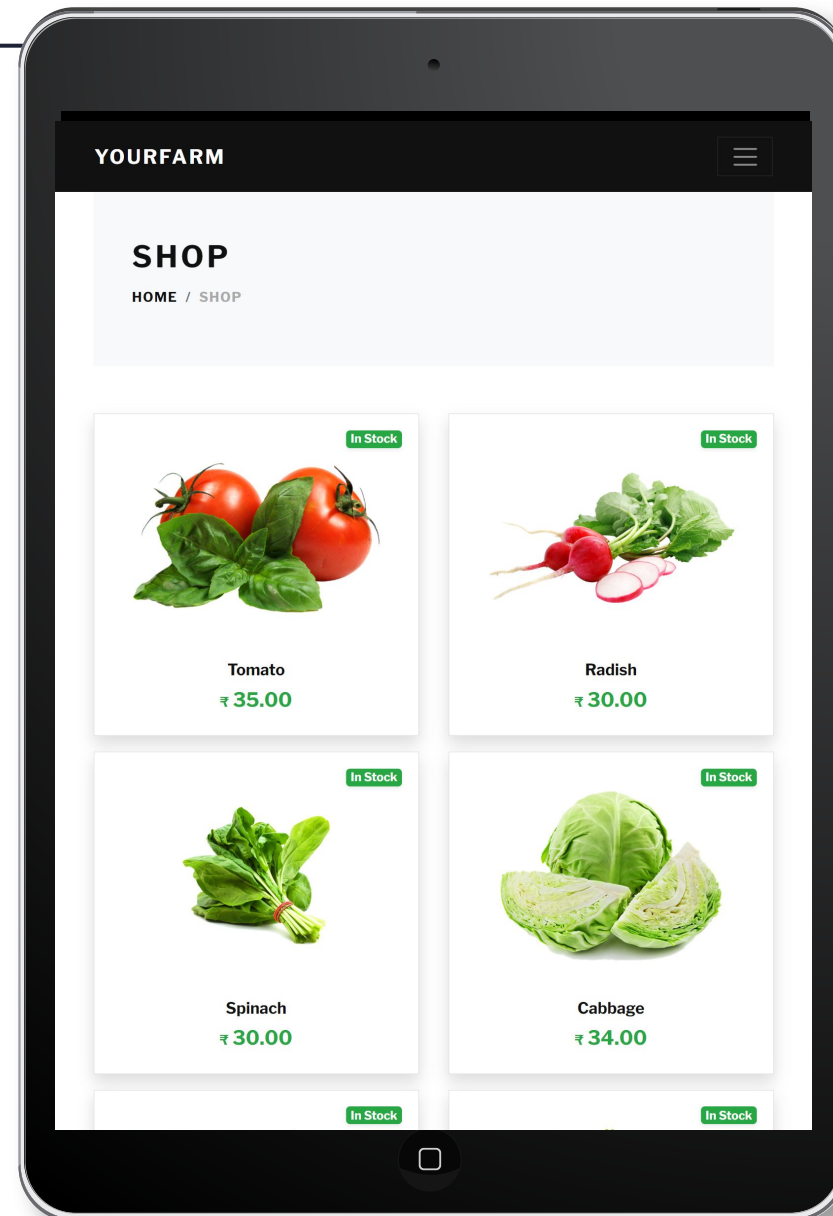


# Gmail Clone

<http://cs50gmail.herokuapp.com>

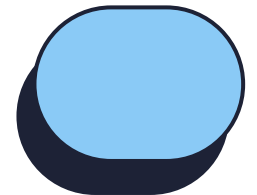
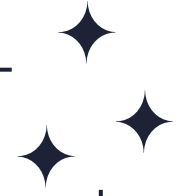
# Multilingual Efarm website

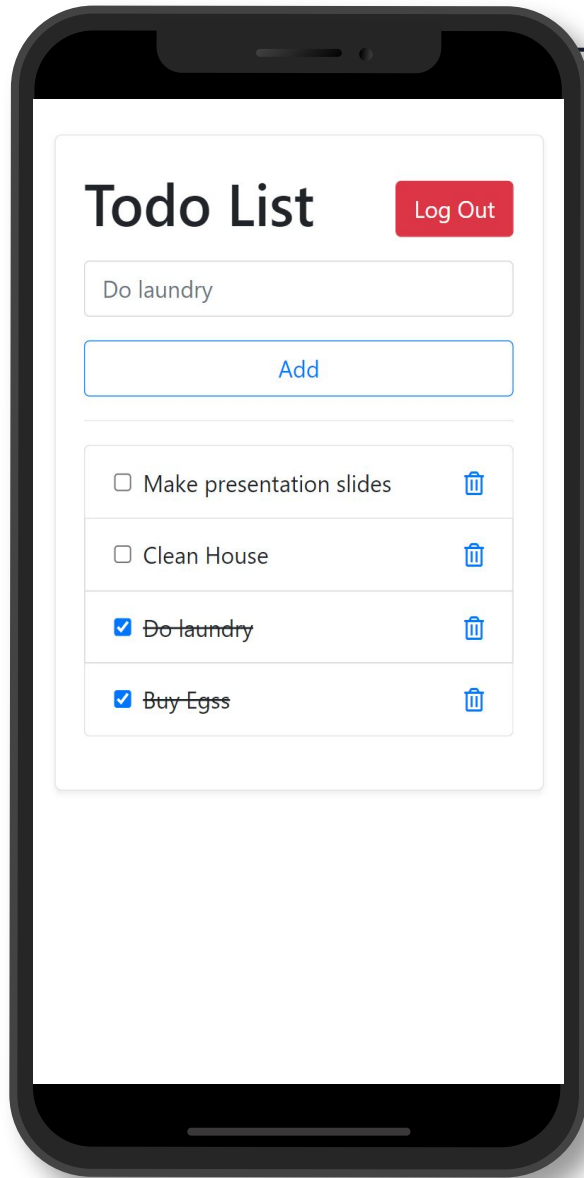
<http://yourfarm.ap-south-1.elasticbeanstalk.com/>





# What are we building.





# What are we building?

Simple Todo App with authentication system with deployment on heroku



# Who uses Django?

**Here are 9 global companies using Django:**

1. Instagram
2. National Geographic
3. Mozilla
4. Spotify
5. Pinterest
6. Disqus
7. Bitbucket
8. Eventbrite
9. Prezi

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# Why to use Django?

## A D V A N T A G E S

### Reasons to use Django:

1. Batteries included
2. Scalable
3. Secure
4. Maintainable - uses MVT
5. Community





# What next?

**Django is packed with features:**

## F E A T U R E S

1. Caching
2. Logging
3. Sending emails
4. Syndication feeds (RSS/Atom)
5. Pagination
6. Messages framework
7. Serialization
8. Sessions...







# My suggestions

**You can learn all of it online:**

1. CS50 - <https://cs50.harvard.edu/web>
2. Django tutorial  
<https://docs.djangoproject.com/en/4.0/intro/tutorial01>
3. <https://www.youtube.com/c/dennisivy>
4. <https://m.signalvnoise.com/the-majestic-monolith>
5. Make projects...

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# Thank you!

Do you have any questions?

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[www.linkedin.com/in/hussainshk](https://www.linkedin.com/in/hussainshk)

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