

# Web Tech Introduction I

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# History of Web

## Web 1.0

- Static Web Pages
- Mostly Read Only Web
- Information Sharing

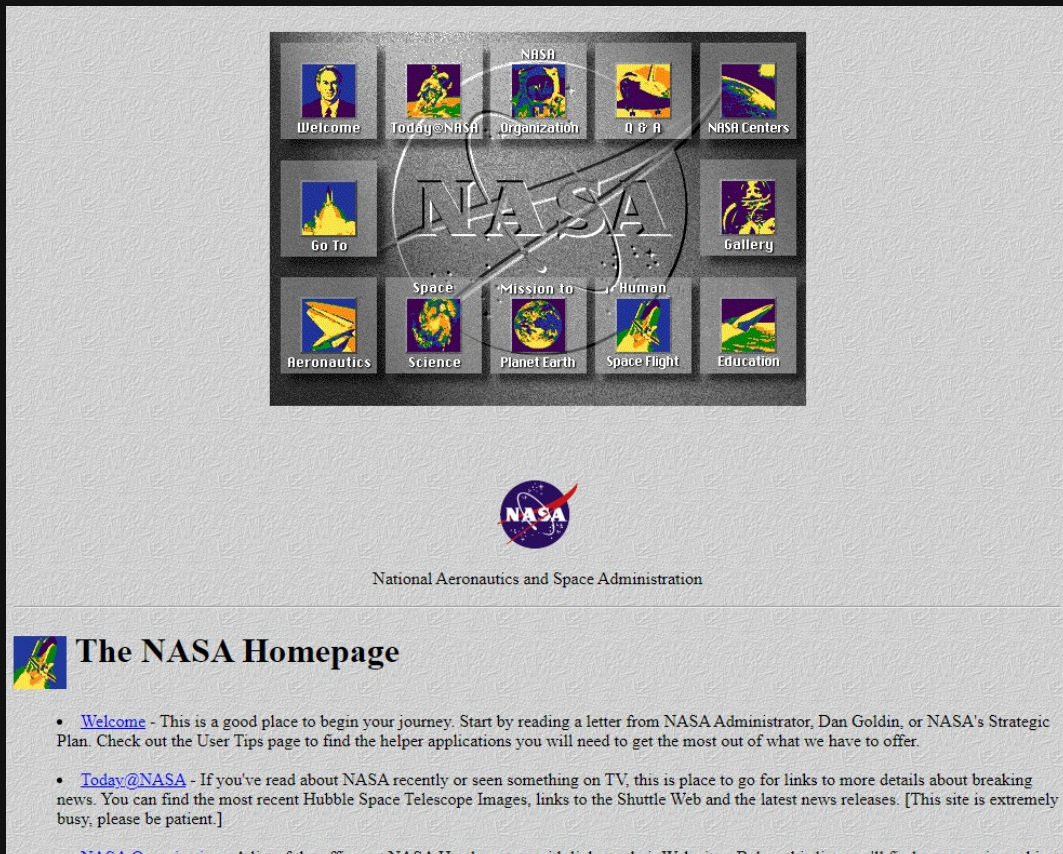


# History of Web - Web 1.0

1990 - 2004



- Ecommerce
- Search Engine



# History of Web

Web 1.0

Web 2.0

- Dynamic Web Pages
- Read-Write Web
- Information Sharing

Web 3.0

1990

2000

2010

2020



# History of Web - Web 2.0

2000 - Now



- SaaS
- Social Media
- Streaming Media



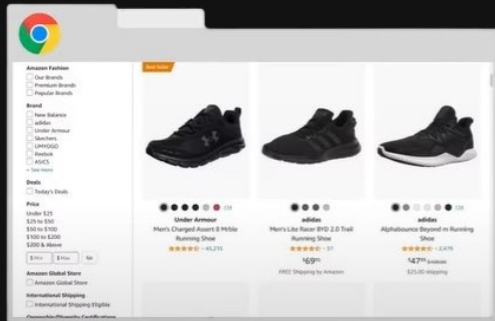
NETFLIX

You  
Tube

# Web 2.0

## Web Application

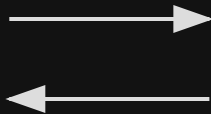
Frontend



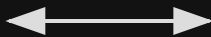
Backend



HTTP / HTTPS



WS / WSS

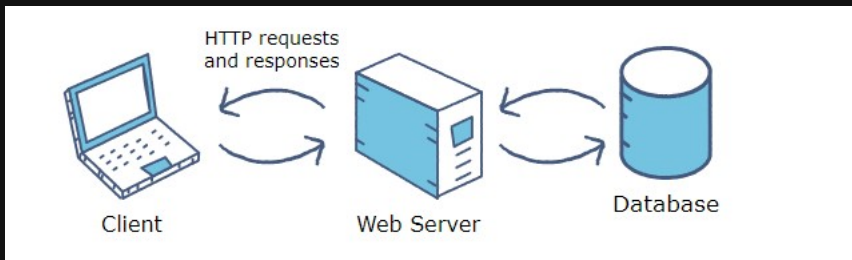


Web APIs

# Web Backend

## Web Server

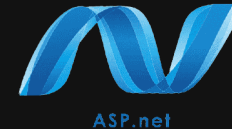
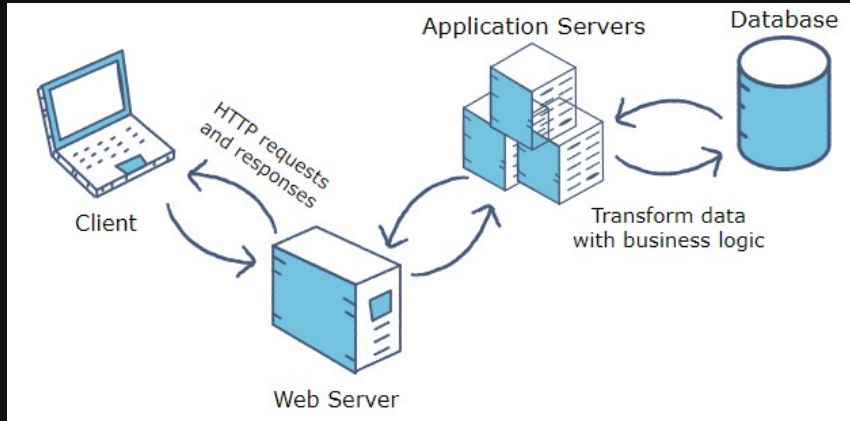
- Deliver static content.
- Content is delivered using the HTTP protocol only.
- Serves only web-based applications.



# Web Backend

## Application Server

- Delivers dynamic content.
- Provides business logic to application programs using several protocols (including HTTP).
- Can serve web and enterprise-based applications.



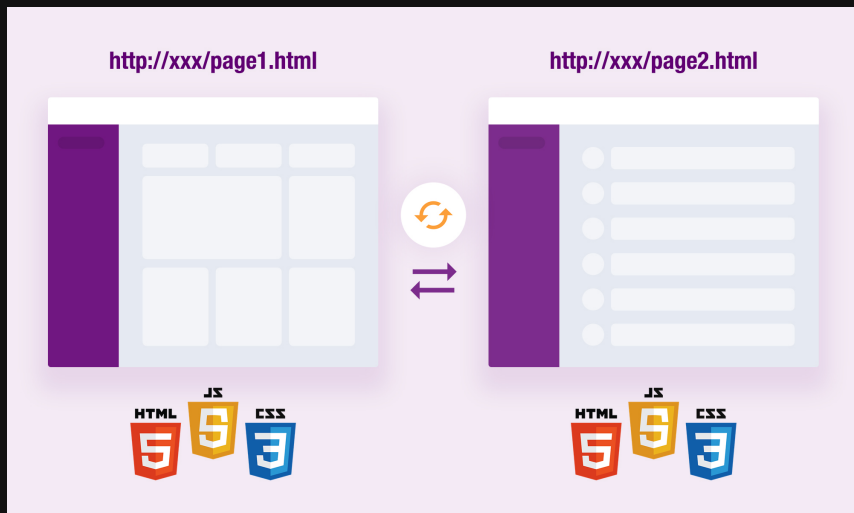
Web Frameworks



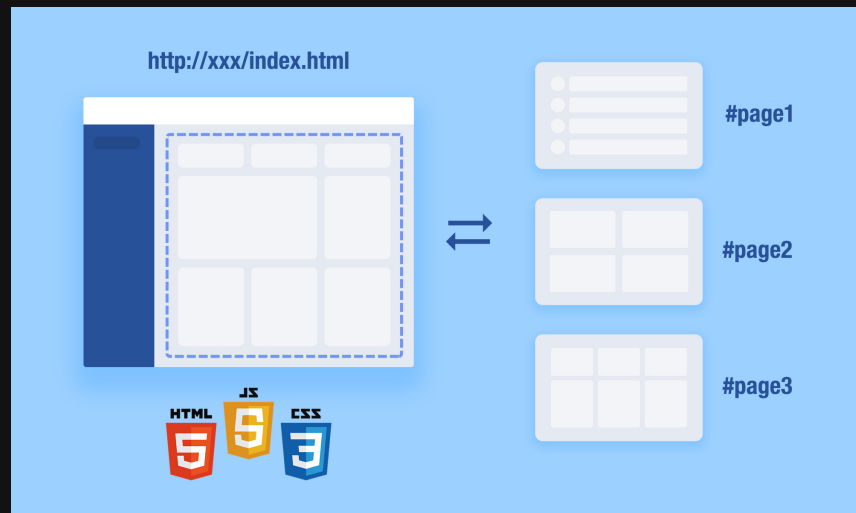
# Web Frontend

Web App

## MPA



## SPA



# Web Frontend

Web App

## MPA



## SPA



# Real World Project

SDAQ & EMU