

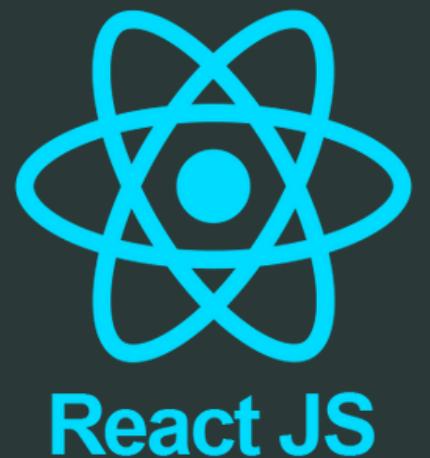


WEB DEVELOPMENT USING REACT JS

30 DAYS MASTER CLASS



30 DAYS MASTERCLASS WEB DEVELOPMENT FULL STACK



LIVE 
STREAMING

4th JAN 2023- 3rd FEB 23
7.00 - 7.45 pm



ASSOCIATE PARTNER



1896905

Students Registered



300+

No. of Collaborations



10307

Employers



7346

No. of Institutes



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VISION MISSION

Help 10 Million Students
to Learn the Technology
in Easy Way



YOUR MENTOR

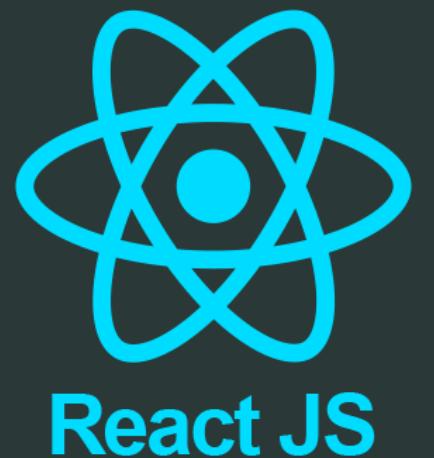


DIVYANJALI.R
Sr Project Engineer

- 5+ Years of Industry Experience
- Working on Research and Development of AI & Web Applications.
- AI on Robotics, Machine Learning based Web Applications



30 DAYS MASTERCLASS WEB DEVELOPMENT FULL STACK



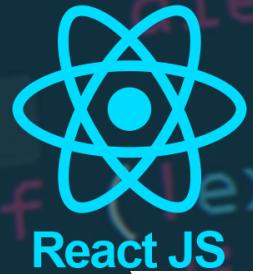
LIVE
STREAMING 

4th JAN 2023- 3rd FEB 23
7.00 - 7.45 pm



TOPICS COVERED - OVERVIEW

WEB DEVELOPMENT MASTERCLASS



REACT JS - OVERVIEW

MODULES & FRAMEWORKS

PROJECT DEVELOPMENT

WEB DEVELOPMENT BASICS

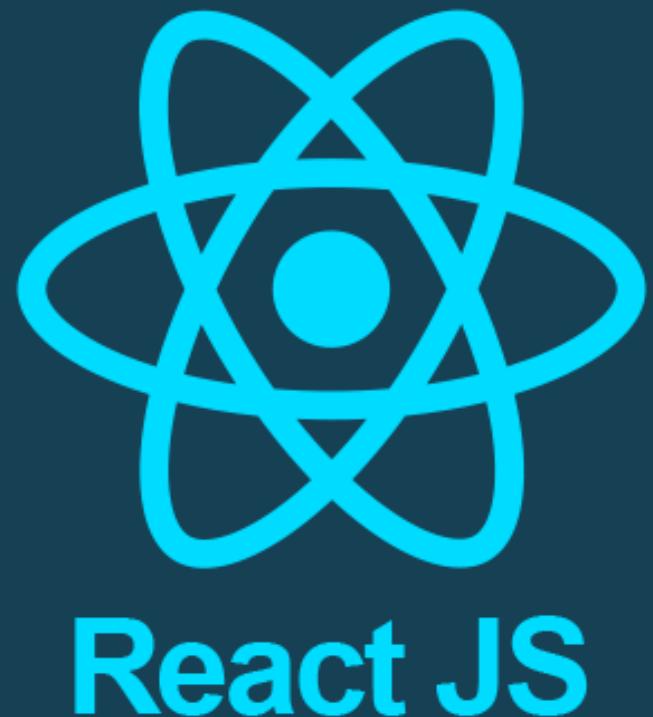
COMPONENTS in REACT

DATABASE CONNECTIVITY



TOPICS COVERED – DETAIL

- Day-01 Web Development & Industry Requirements / Applications
- Day-02 introduction of REACT JS
- Day-03 REACT JS- Overview and Software Installation
- Day-04 How to create the React Project
- Day-05 Folder structure explanation and simple hello world app
- Day-06 Components and functional, class component
- Day-07 Hooks and jsx
- Day-08 Props and state
- Day-09 Event Handling, Methods and list
- Day-10 Styling and css elements



TOPICS COVERED – DETAIL



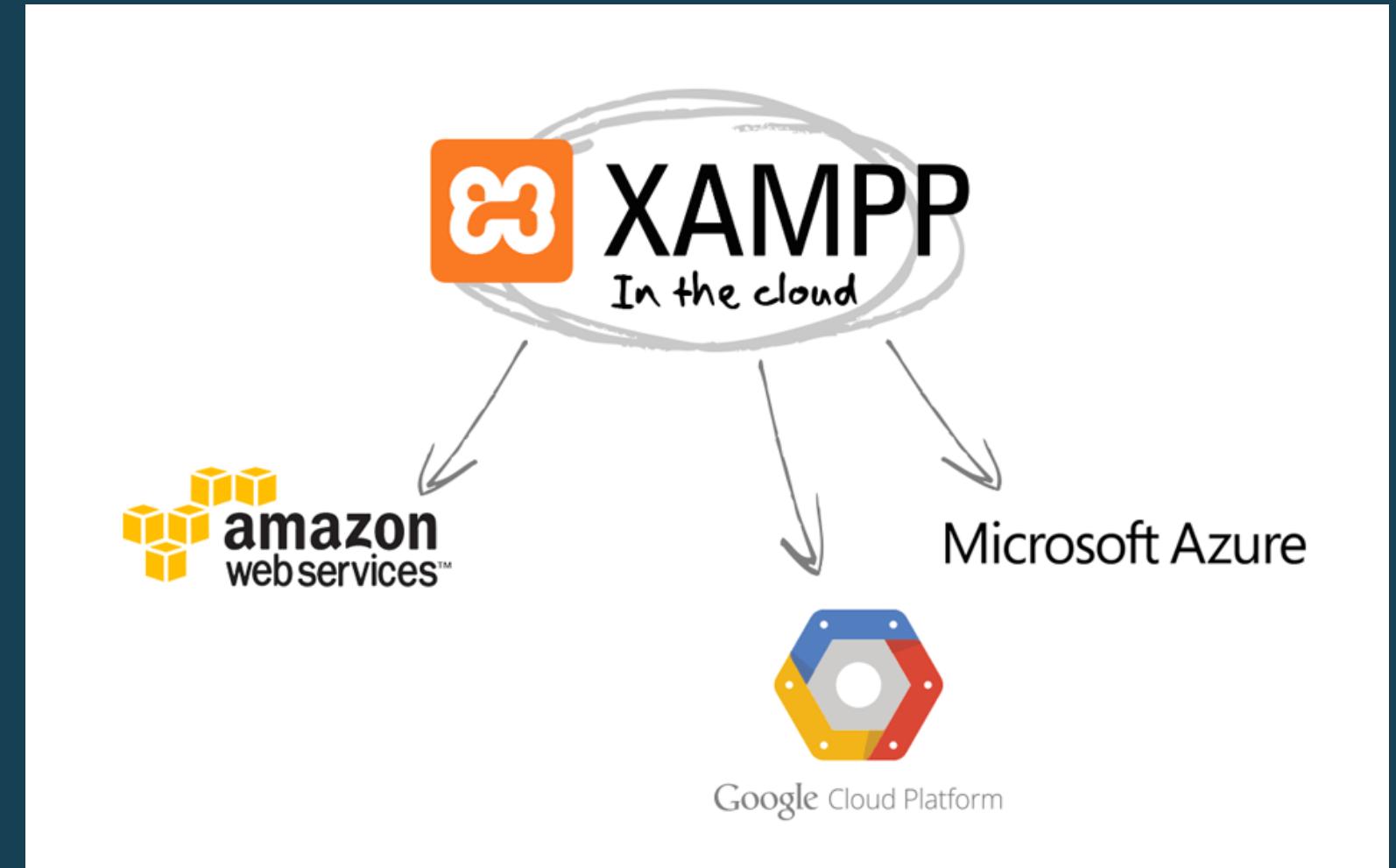
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- Day-11 **Forms** handling
- Day-12 Login form and **Registration** page
- Day-13 **ReactDom**, **ReactDOMElement** and api key
- Day-14 Http **GET** and Http **POST**
- Day-15 **Api** sample project demo
- Day-16 **Front End** project demo
- Day-17 **Back End** explanation and sever side explanation
- Day-18 Introduction to **PHP**
- Day-19 **Laravel** framework
- Day-20 **Laravel Installation** and project folder creation



TOPICS COVERED – DETAIL

- Day-21 Database management system
- Day-22 Xampp installation and connection
- Day-23 Real-time chat application
- Day-24 Quiz web application
- Day-25 Weather application
- Day-26 Calculator app building
- Day-27 Touring application
- Day-28 E store book management system
- Day-29 Online resume builder application
- Day-30 Plant management system



Web Development & Industry

Requirements / Applications

Day-01

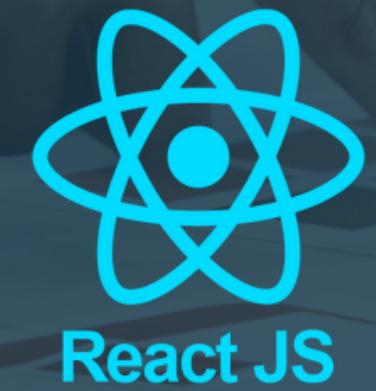
what is



The word Web Development is made up of two words, that is:

- **Web:** Websites, web pages or anything that works over the internet.
 - **Development:** Building the application from scratch.

FRONT END WEB APPLICATION



BACKEND DEVELOPMENT



IMPORTANCE OF A WEBSITE



MAKES PEOPLE AWARE OF THE SERVICES



SHOWCASE PRODUCTS YOU ARE OFFERING



MAKE YOUR PRODUCT / SERVICES VISIBLE TO POTENTIAL CUSTOMERS



BRANDING OF A COMPANY / INDIVIDUAL

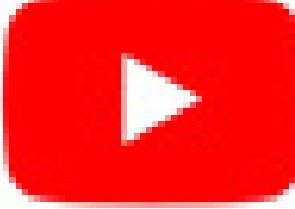


STAYING AHEAD OF COMPETITION

• • •
• • •
• • •
• • •

TOP 5 WEBSITES (WORLD RANKING)

1. **Google**
2. **facebook.**
3. **amazon**

4. **YouTube**

5. **NETFLIX**



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WHATS FULL STACK ?

FRONT END + SERVER + BACKEND & DATABASE



Front End



Back End



Database



Server



FRONT END WEB APPLICATION DEVELOPMENT TOOLS



BACKEND WEB APPLICATION DEVELOPMENT TOOLS



3 LAYERS OF WEB DESIGN



HTML - STRUCTURE OF WEBSITE



CSS - STYLE & COLOURING OF WEBSITE



JAVA SCRIPT - BEHAVIOUR OF WEBSITE



HTML

HTML- Hyper Text Markup Language is the code that is used to structure a web page and its content.

For example content could be structured within a set of paragraphs a list of bulleted points or using images and data.

HTML



CSS

CSS stands for CASCADING STYLE SHEETS.
CSS describes how HTML elements are to
be displayed on screen , paper or in other
media

CSS saves a lot of work . It can control the
layout of multiple web pages all at once.

Set of rules defining how to html element
presended in browser.

CSS



JAVA SCRIPT

- Javascript is a lightweight , interpreted programming language.
- Javascript is integrated with HTML .
- It is open source and cross-platform language.
- Most popular programming language and that makes it a programmers great choice.



JavaScript

OVER NEXT 30 DAYS

YOU AND ME WILL DEVELOP 7 WEBSITE
PROJECTS

LEARN BASIC TO ADVANCED CONCEPTS OF WEB
DEVELOPMENT

EXPERIENCE AND APPLY REACT JS



WANT TO
BECOME APSSDC
CERTIFIED
WEB DEVELOPMENT
FULLSTACK
INTER ?



BENEFITS OF INTERNSHIP

- **30 DAYS OF LIVE SESSIONS**
- **90 DAYS OF ACCESS TO RECORDS**
- **8 + SOURCE CODES WEB DEVELOPMENT**
- **30 DOWNLOADABLE PRESENTATIONS**
- **6 MENTOR LIVE IN MASTERMIND SESSIONS**
- **APSSDC INTERNSHIP CONFIRMATION LETTER**
- **APSSDC INTERNSHIP CERTIFICATION**





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Name

Email

Phone Number

Discount Applied

WEBFS

REMOVE

Subtotal

₹1,999

Discount code applied

-₹1,000

Total Amount

₹999

WHATS HTML ?



HTML stands for **Hyper Text Markup Language**

HTML is the **standard markup language for creating Web pages**

HTML describes the **structure** of a Web page

HTML consists of a series of elements

HTML elements tell the browser how to display the content

```
<!DOCTYPE html>
<html>
<head>
<title>Page Title</title>
</head>
<body>

<h1>My First Heading</h1>
<p>My first paragraph.</p>

</body>
</html>
```



HTML Page Structure

```
<html>  
  
  <head>  
  
    <title>Page title</title>  
  
  </head>  
  
  <body>  
  
    <h1>This is a heading</h1>  
  
    <p>This is a paragraph.</p>  
  
    <p>This is another paragraph.</p>  
  
  </body>  
  
</html>
```



Web Browsers



The purpose of a **Web browser** (Chrome, Edge, Firefox)

is to

- Read HTML documents
- Display them correctly.

A browser does not display the HTML tags, but uses them to determine how to display the document

HTML Editors



Web pages can be created and modified by using professional **HTML editors**.

Ex HTML Editors

- **Notepad** for Windows PC
- **TextEdit** for MAC OS

LETS DO A HANDS ON

Step 1: Open Notepad (PC)

Step 2: Write Some HTML

Step 3: Save the HTML Page

Step 4: View the HTML Page in Your Browser



PRACTICE CODE

```
<!DOCTYPE html>
  <html>
    <head>
      <style>
        body {background-color: powderblue;}
          h1 {color: blue;}
          p {color: red;}
        </style>
      </head>
      <body>
        <h1>This is a heading</h1>
        <p>This is a paragraph.</p>
      </body>
    </html>
```



CSS

CSS is for **COLORS , FONTS & SIZES**

color property defines the **Text color** to be used

font-family property defines the **Font** to be used.

font-size property defines the **Text size** to be used.

CSS



CSS FUNCTION

- Color
- Font
- Font size
- Background
- Border

CSS



PRACTICE CODE

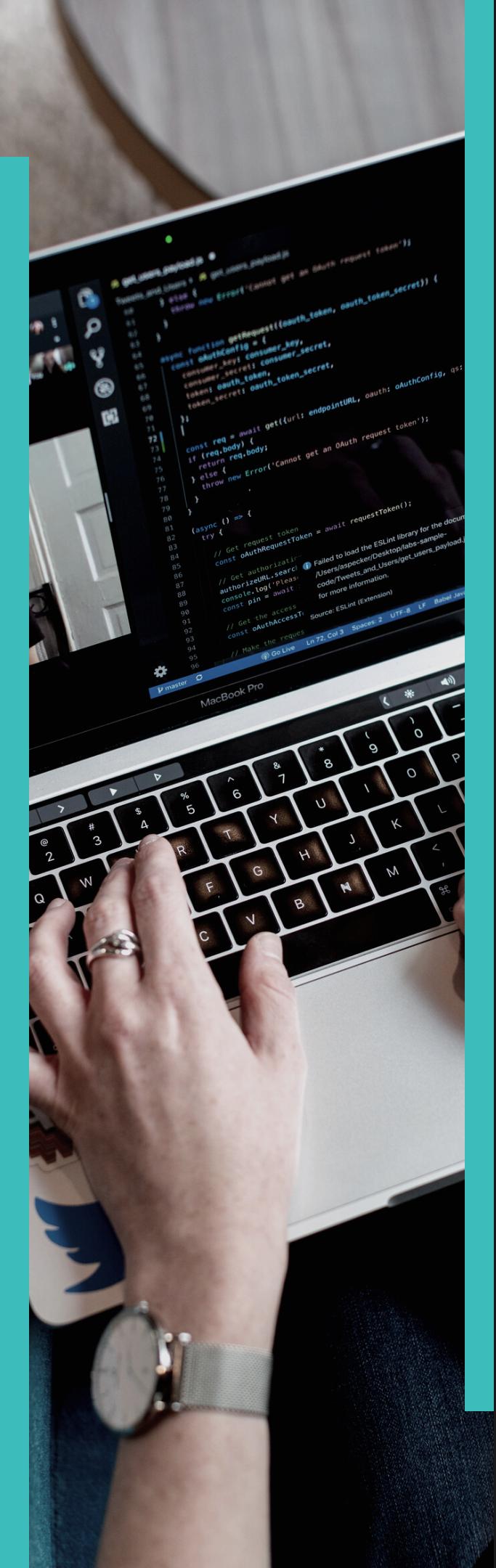
```
<!DOCTYPE html>
<html>
<head>
<style>
    h1 {
        color: blue;
        font-family: verdana;
        font-size: 300%;
    }
    p {
        color: red;
        font-family: courier;
        font-size: 160%;
    }
</style>
</head>
<body>

<h1>This is a heading</h1>
<p>This is a paragraph.</p>

</body>
</html>
```



Features of a Good and Reliable Website



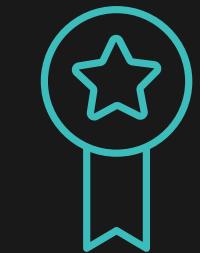
GOOD WEB DESIGN
SIMPLIFIES STATISTICS



WEB CONTENT



LOADING SPEED

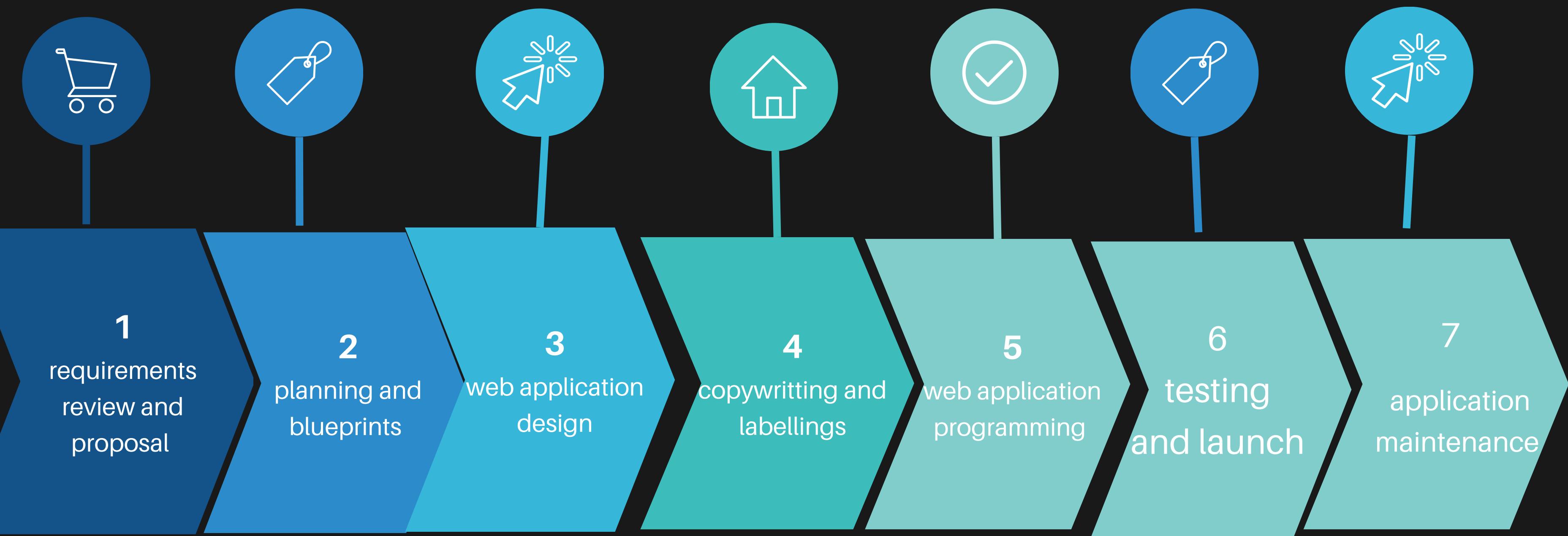


WEB COMPATIBILITY



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PROCESS OF WEB DEVELOPMENT



BENIFITS OF WEB APPS



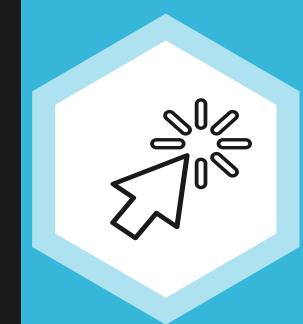
1

Can be accessed from anywhere around the world



2

Helps to streamline your business process with accuracy



3

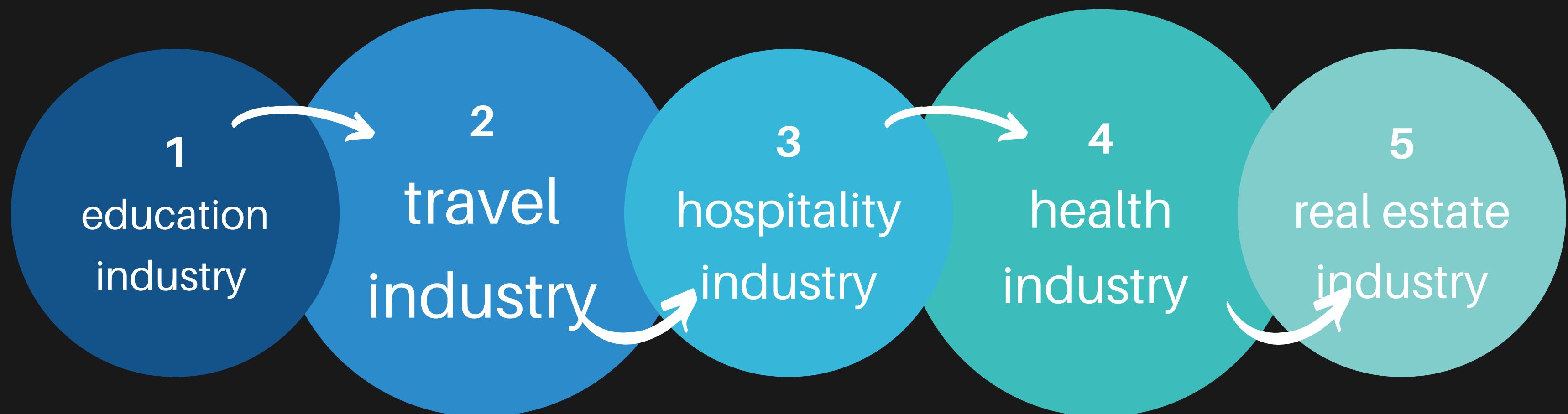
performance of your web app and the behavior of your visitors can be noted based on real-time data



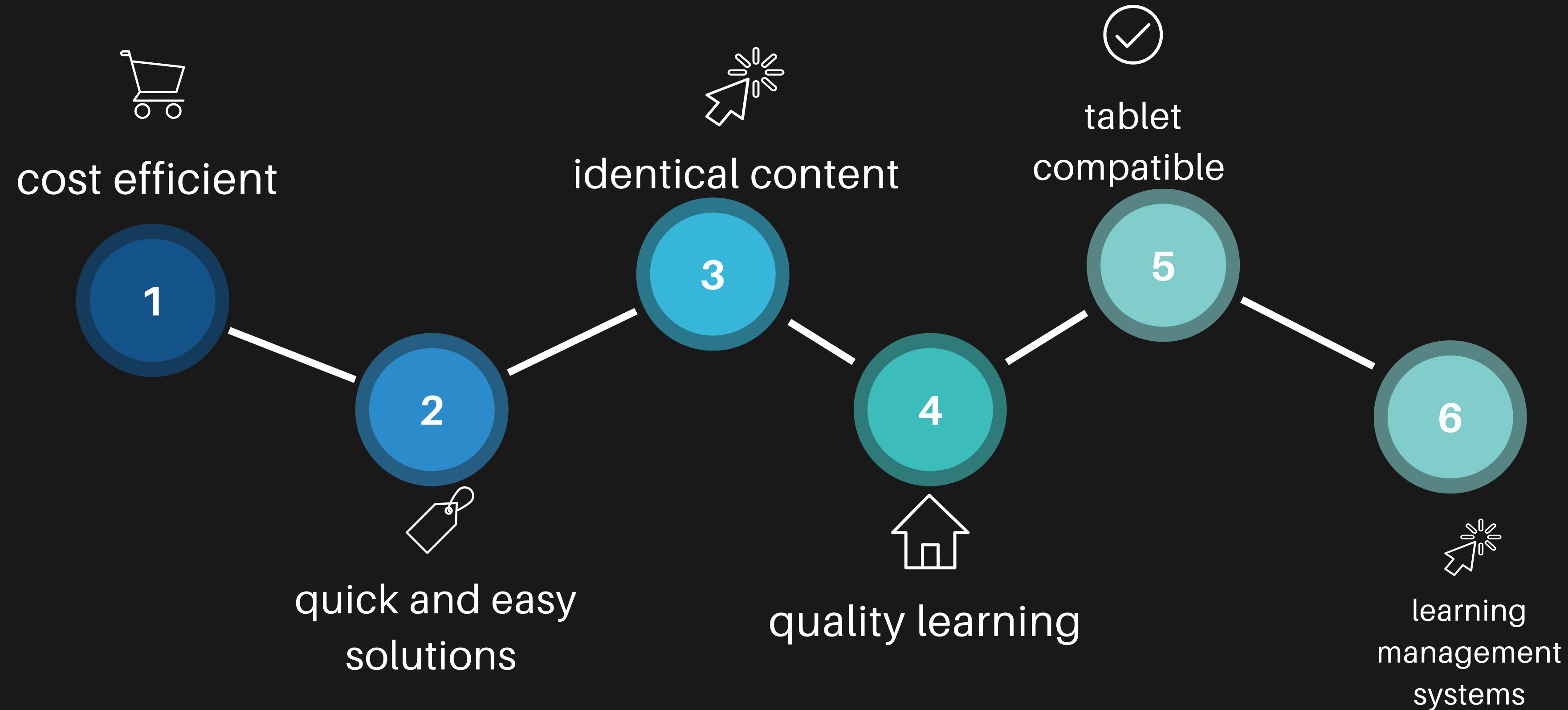
4

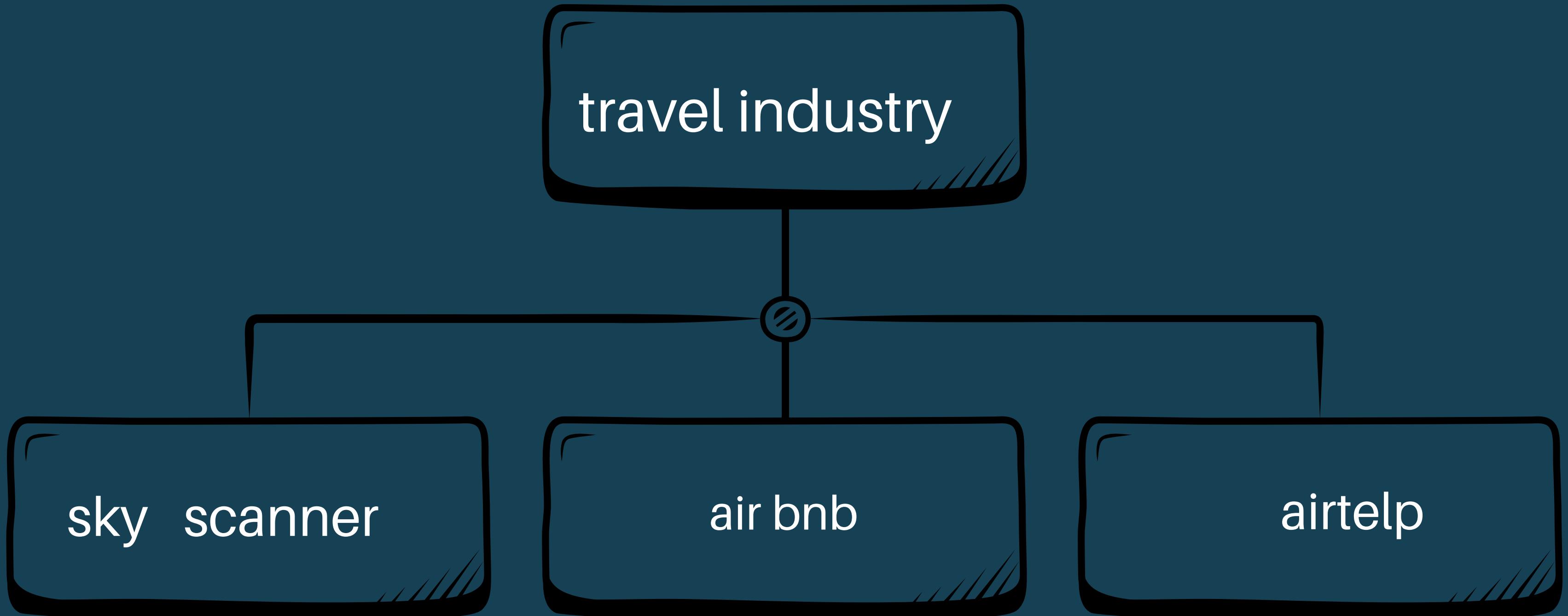
Can run directly on any web browser without integrating third-party tools

INDUSTRIES WITH WEB DEVELOPMENT



EDUCATION INDUSTRY





---HOSPITALITY BUSINESS---



TRAVEL &
TOURISM



FOOD &
BEVERAGE



LODGING



OUTDOOR &
RECREATION



CREATE YOUR FIRST WEB APPLICATION

```
<!DOCTYPE html>
<html>
  <head>
    <title>first web page </title>
  </head>
  <body bgcolor=orange >
    <p> divyanjali reddygari .</p>
  </body>
</html>
```



A QUICK RECAP & QUIZ TIME

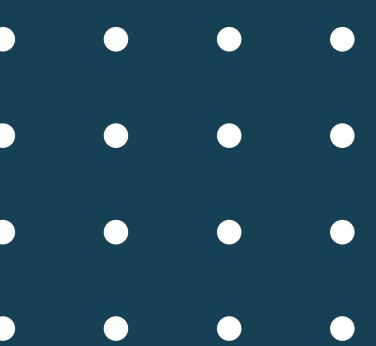
Question: 01

Which program is used by web clients to view the web pages?

- (A) Web browser
- (B) Protocol
- (C) Web server
- (D) Search Engine

Ans: A

Web browser



A QUICK RECAP & QUIZ TIME

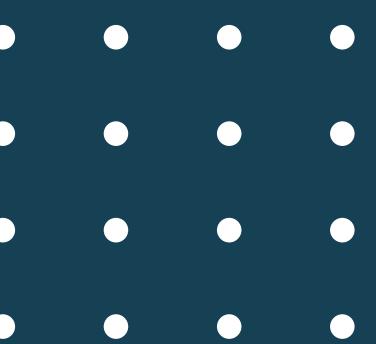
Question: 2

What is the name of the location address of the hypertext documents?

- (A) Uniform Resource Locator
- (B) Web server
- (C) File
- (D) Web address

Ans: A

Uniform Resource Locator



A QUICK RECAP & QUIZ TIME

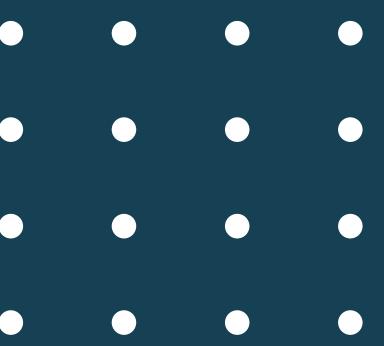
Question: 3

What are shared on the Internet and are called as Web pages?

- (A) Programs
- (B) Cables
- (C) Hypertext documents
- (D) None

Ans: C

Hypertext documents



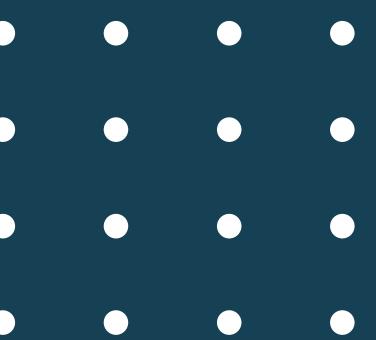
A QUICK RECAP & QUIZ TIME

How many colour names are used by the browsers?

- (A) 8
- (B) 10
- (C) 12
- (D) 16

Ans: D

16



A QUICK RECAP & QUIZ TIME

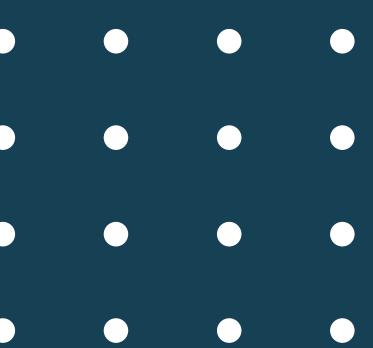
Question: 5

What is the abbreviation of HTTP?

- (A) Hypertext tag path
- (B) Hyper Text Transfer Protocol
- (C) Hypertext transfer path
- (D) None

Ans: B

Hyper Text Transfer Protocol



A QUICK RECAP & QUIZ TIME

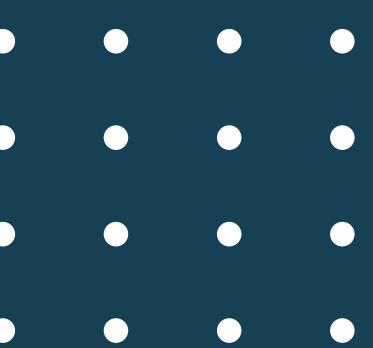
Question: 5

What is the abbreviation of HTTP?

- (A) Hypertext tag path
- (B) Hyper Text Transfer Protocol
- (C) Hypertext transfer path
- (D) None

Ans: B

Hyper Text Transfer Protocol



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ANY QUERIES



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THANK YOU