

HTML 5 - Training

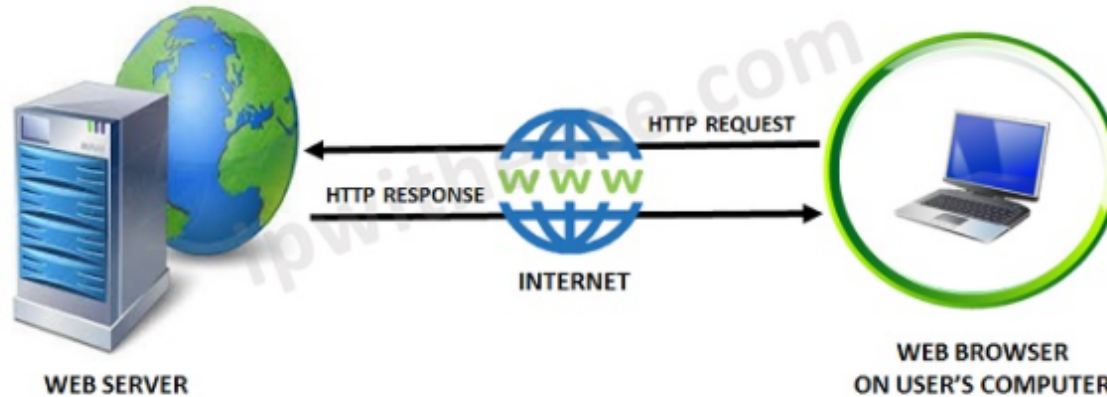
ANECO ACADEMY

Agenda

- Web Introduction
- Client-side Technologies overview
- Application Architecture
- HTML Introduction
- HTML Elements deep dive
- HTML Input Elements
- HTML Element Specific Attributes
- HTML Forms & its Attributes

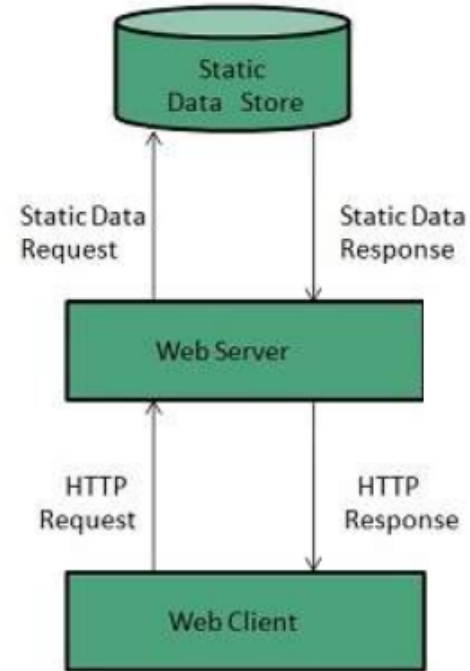
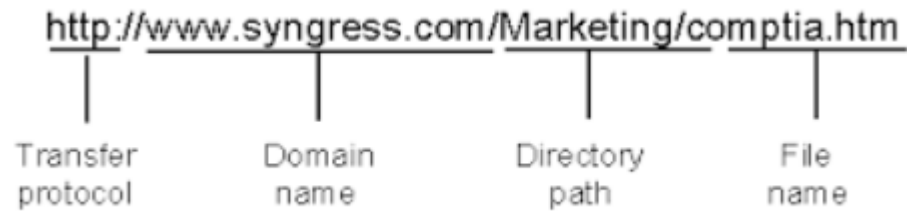
What is Web?

- The Web is the common name for the **World Wide Web (WWW)**
- The Web is just one of the ways that information is **shared over the Internet**.
- The Web consisting of the pages that can be accessed **by a Web browser** such as Internet Explorer, Google Chrome, Mozilla Firefox
- Web pages are formatted in a language called **HTML**.
- The Web uses **HTTP protocol** to transmit data and share information.

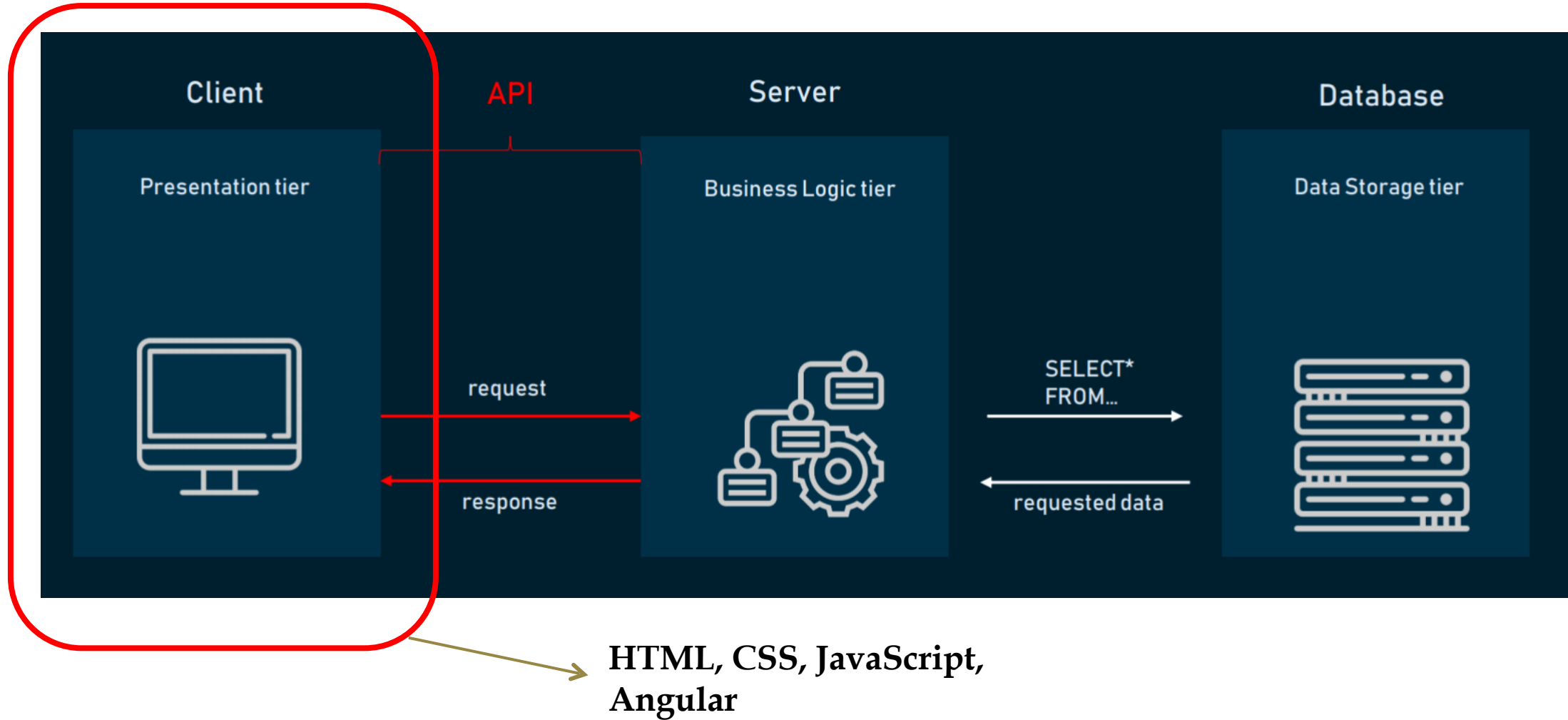


What is Web Server?

- Web server is a computer where the web content is stored
- Web server is used to host the web sites
- When client sends request for a web page, the web server search for the requested page if requested page is found then it will send it to client with an HTTP response.



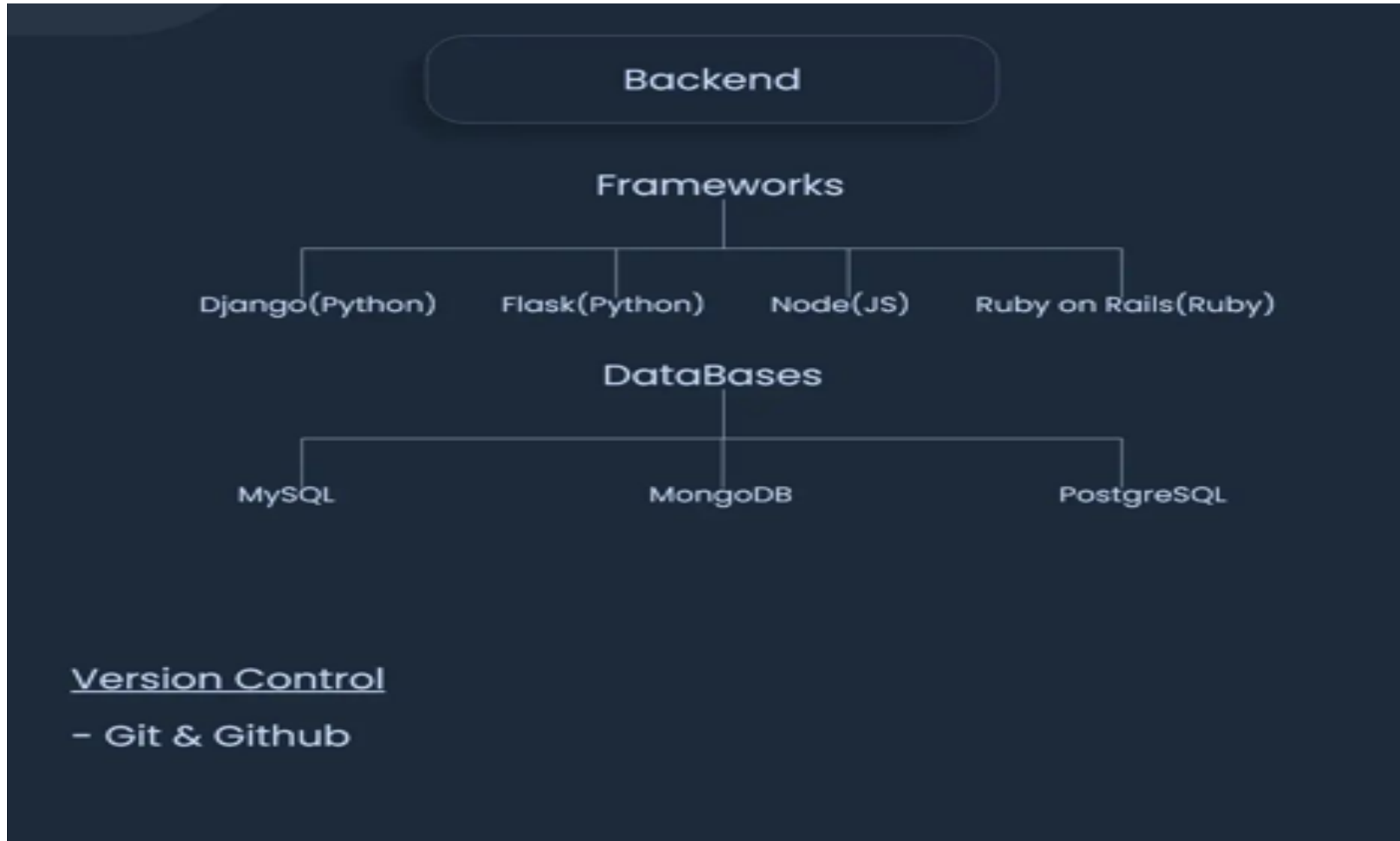
Application Architecture



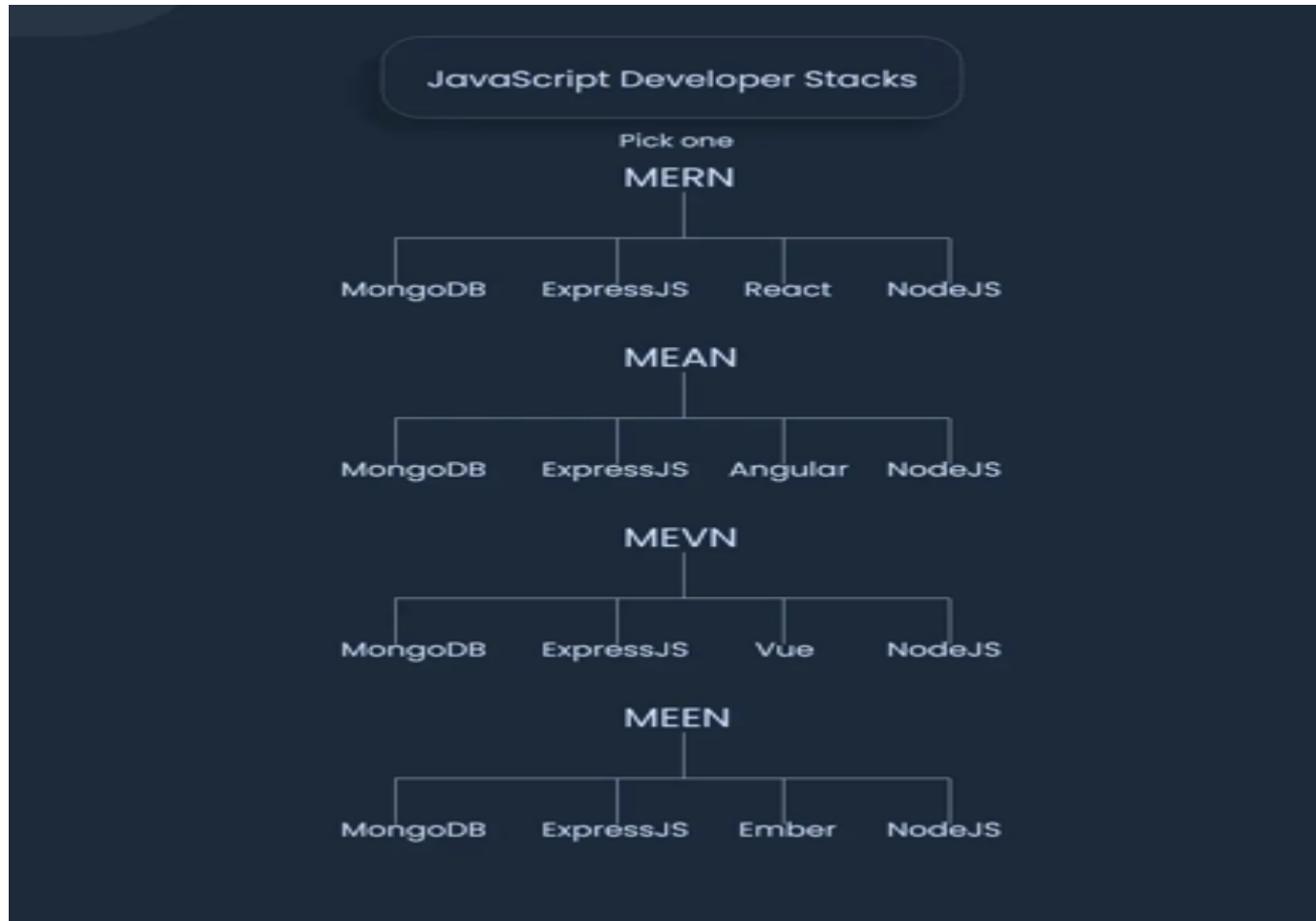
FRONTEND FRAMEWORKS



BACKEND FRAMEWORKS



JAVASCRIPT FRAMEWORKS



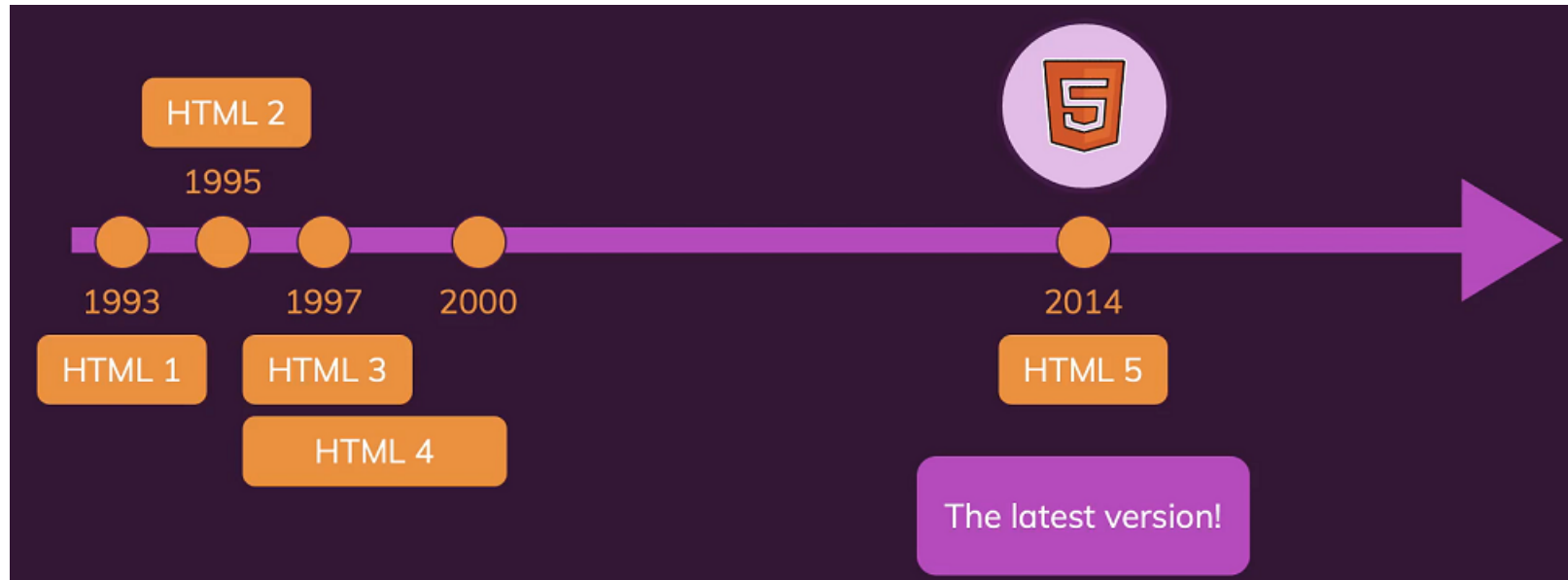
What is HTML?

- HTML (HyperText Markup Language) is the most basic building block of the Web.
- 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.
- HTML elements are represented by tags.
- HTML tags label pieces of content such as "heading", "paragraph", "table", and so on.
- Browsers do not display the HTML tags, but use them to render the content of the page

What is Hypertext & Markup?

- Hypertext is a text which references to other text.
- Hypertext means machine readable text and Markup means to structure it in a specific format.
- So, HTML is called hypertext markup language because it is a language that allows users to organize, improve the appearance of, and link text with data on the internet.

History of HTML



Structure of HTML

```
<!DOCTYPE html>
<html>
  <head>
    <title>Title of the Page</title>
  </head>
  <body>
    Tags related to layout and formatting
  </body>
</html>
```

The diagram illustrates the structure of an HTML document. It shows the following elements and their functions:

- `<!DOCTYPE html>`: Tells the document type
- `<html>`: The Root Element
- `<head>`: Contains the header information
 - `<title>Title of the Page</title>`: Defines Title of the Page
- `</head>`
- `<body>`: Holds the Content of the Page
 - Tags related to layout and formatting
- `</body>`
- `</html>`