

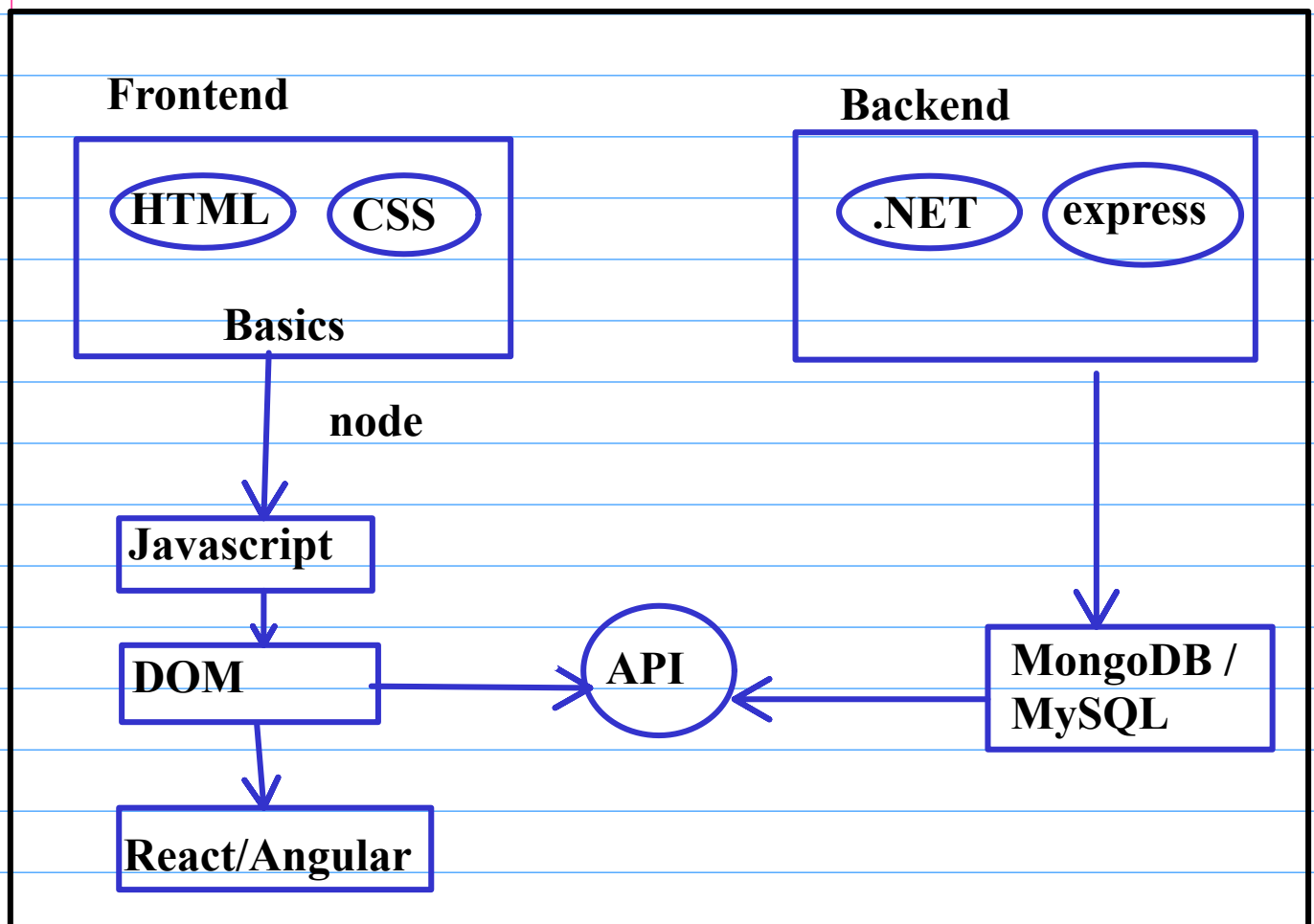
Web Technology

Defination -

Web Technology means the technology or tools used to create a web application

Units/Chapters -

1. Javascript
2. Node js
3. Express js
4. Angular
5. React
6. MySQL



Javascript

Defination -

JavaScript is a programming language used to make websites interactive and dynamic

Node js-

It is used to run javascript outside the browser

Data Types in Javascript -

1 . Primitive

- Number
- String
- Boolean
- Undefined
- Null
- BigInt

2. Non-Primitive

- Object

Let , Const and Var -

1 .const

- It Cannot be redeclared orreassigned
- eg.

```
const pi = 3.14;  
pi = 3.1429; //ERROR
```

2. let

- It Cannot be redeclared in same scope
- It can be reassigned
- It is modern and safe
- eg.
 let count = 1;
 count = 2; // allowed

3. var

- It Can be redeclared and reassigned
- It is older and cause bug
- Value change in differnt scope also affect to variable
 actual val
- eg.
 let count = 1;
 count = 2; // allowed

Example :

```
var a = 10;  
let b = 20;  
{  
    var a = 100;  
    let b = 200;  
    console.log(a , b) // 100 200  
}  
console.log(a , b) // 100 20
```