

AJAX

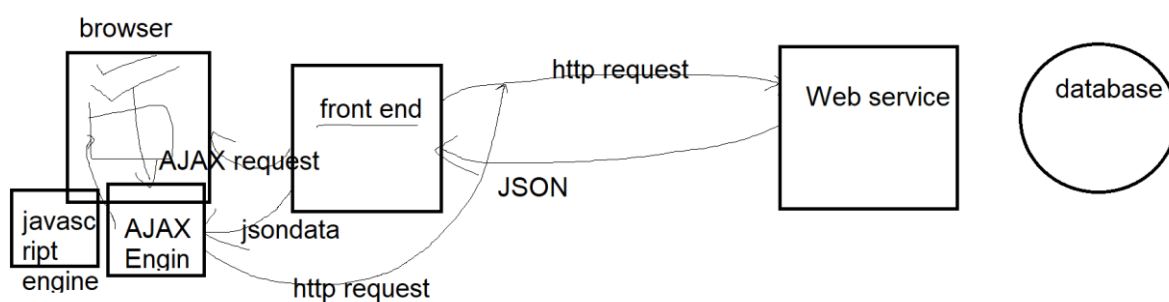
Asynchronous Javascript and XML

When you want to change the portion of the page without reloading the entire page.

This helps to speed up the execution of the application.

The data we receive is in XML or JSON or Text format

XML(extensible markup language)	<pre><productdetails> ---->root element, appears only once on XML <product> <pid>1</pid> <pname>shoes</pname> <colors> <c1>black</c1> <c1>blue</c1> <c1>red</c1> </colors> </product> </product> <product> <pid>2</pid> <pname>bags</pname> <colors> <c1>black</c1> <c1>blue</c1> <c1>red</c1> </colors> </product> </productDetails></pre>
JSON(javascript object notation)	<pre>[{"pid":1,"pname":"shoes","colours":["red","blue","black"]}, {"pid":2,"pname":"bags","colours":["red","blue","black"]}]</pre>



Using Bootstrap JS

1. Download bootstrapjs from the following link

<https://getbootstrap.com/docs/4.6/getting-started/download/>

2. Unzip the file in you project

3. Then add jquery.js, bootstrap.js, bootstrap.css in html, wherever you want to use bootstrap
js

What is SM size in Bootstrap 4?

Grid Classes

. col-sm- (small devices - screen width equal to or greater than 576px) . col-
md- (medium devices - screen width equal to or greater than 768px)