

PROFESSIONAL PRACTICES FOR
SOFTWARE DEVELOPERS

CAPSTONE PROJECT

COLLEGE ENROLLMENT SYSTEM

MICHEAL & IMAAN

AIM FOR OUR PROJECT

The main aim of our project is to develop an application that will help college applicants apply for admission online.

Our project includes the admission process of students, as well as making it easy for administrators to enroll or reject applications that have been posted on the website easier.

ADMINS CAN:

- Admins can create an account
- They can then log in and view any applications
- Admin can select and reject any application.

USERS CAN:

- Create an account
- After creating an account users can log in to the system and apply to our college
- After successful submission of the registration form, the form will pop up in the admin panel for review
- users can view their application to see if it has been accepted or denied



COMMUNICATION

XAMPP is an open-source cross-platform web server that is primarily used when locally developing web applications.

XAMPP helped us create and develop our application using Web server technologies.

It communicates with the front and back ends of our application.

XAMPP connected our Database to our PHP with an interface called PHP Data Objects (PDO)



PDO

PHP Data Objects (PDO) extension is a Database Abstraction Layer. It is like an interface for the backend to interact with the MySQL database and make changes without making any change in the PHP code. It also gives you the freedom to work with multiple databases.

<https://www.cloudways.com/blog/connect-mysql-with-php/>

WEBSITE COMPONENTS

OUR WEBSITE CONSISTS OF:

HTML



CSS



php

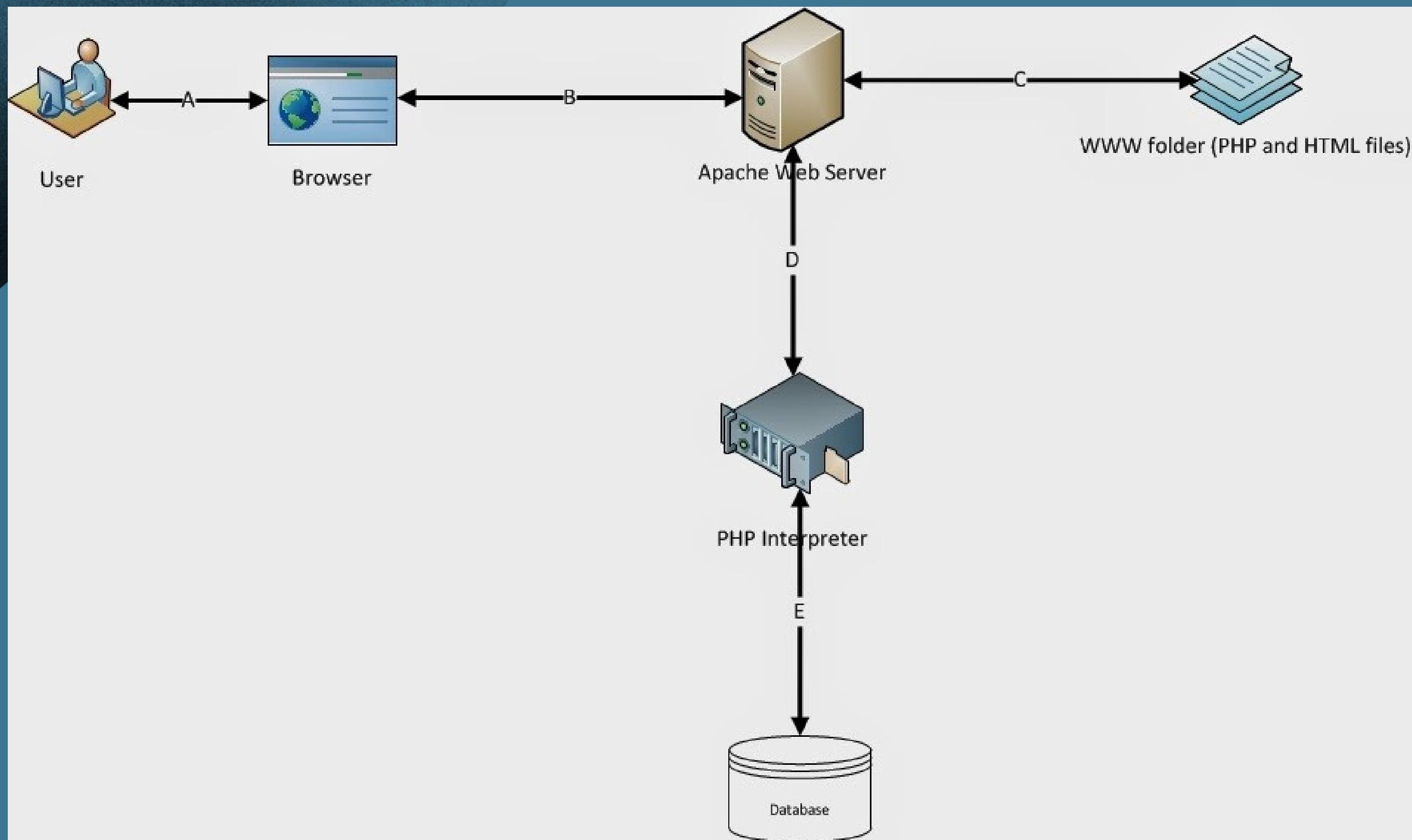


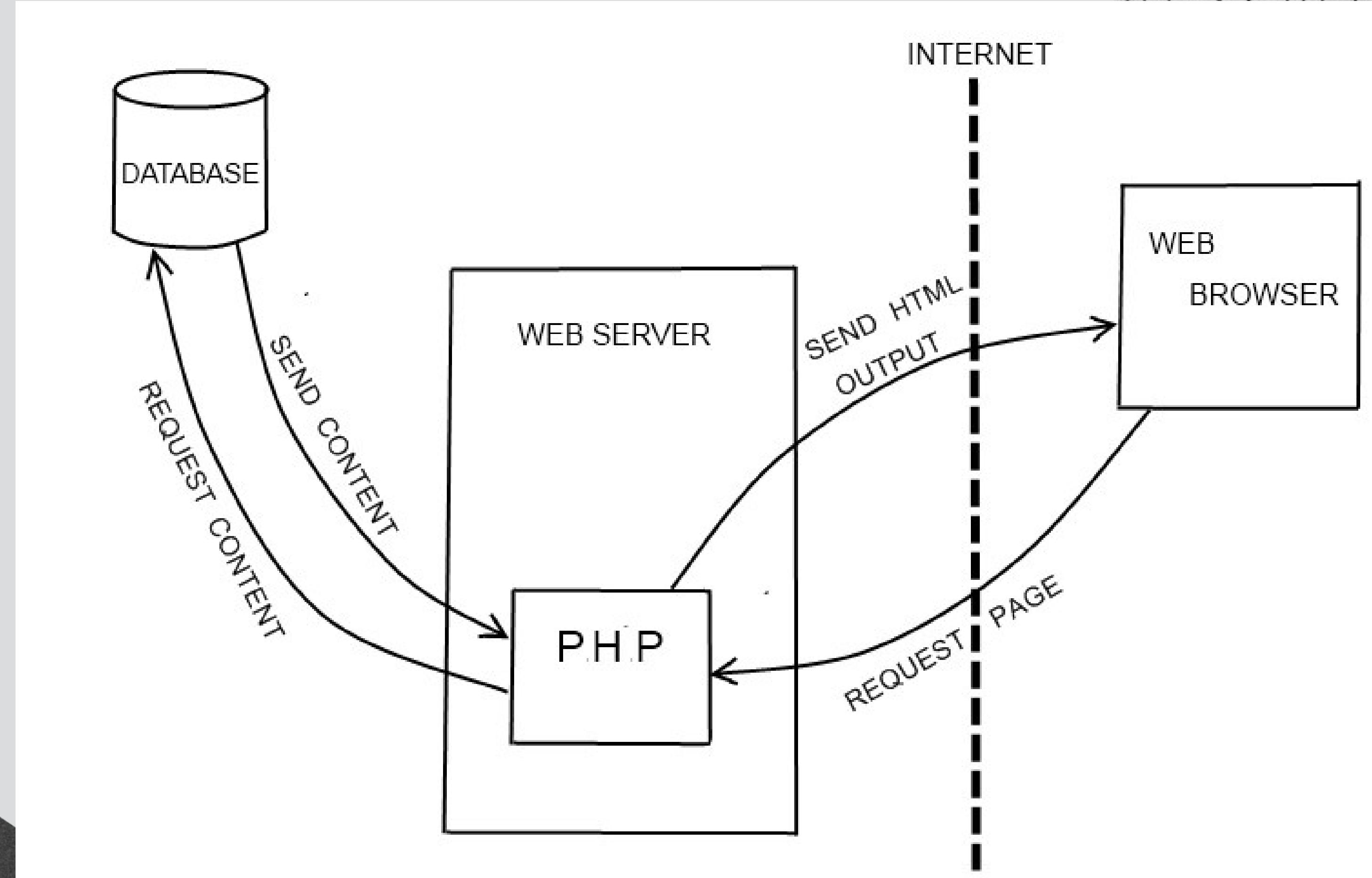
Bootstrap

MySQL®

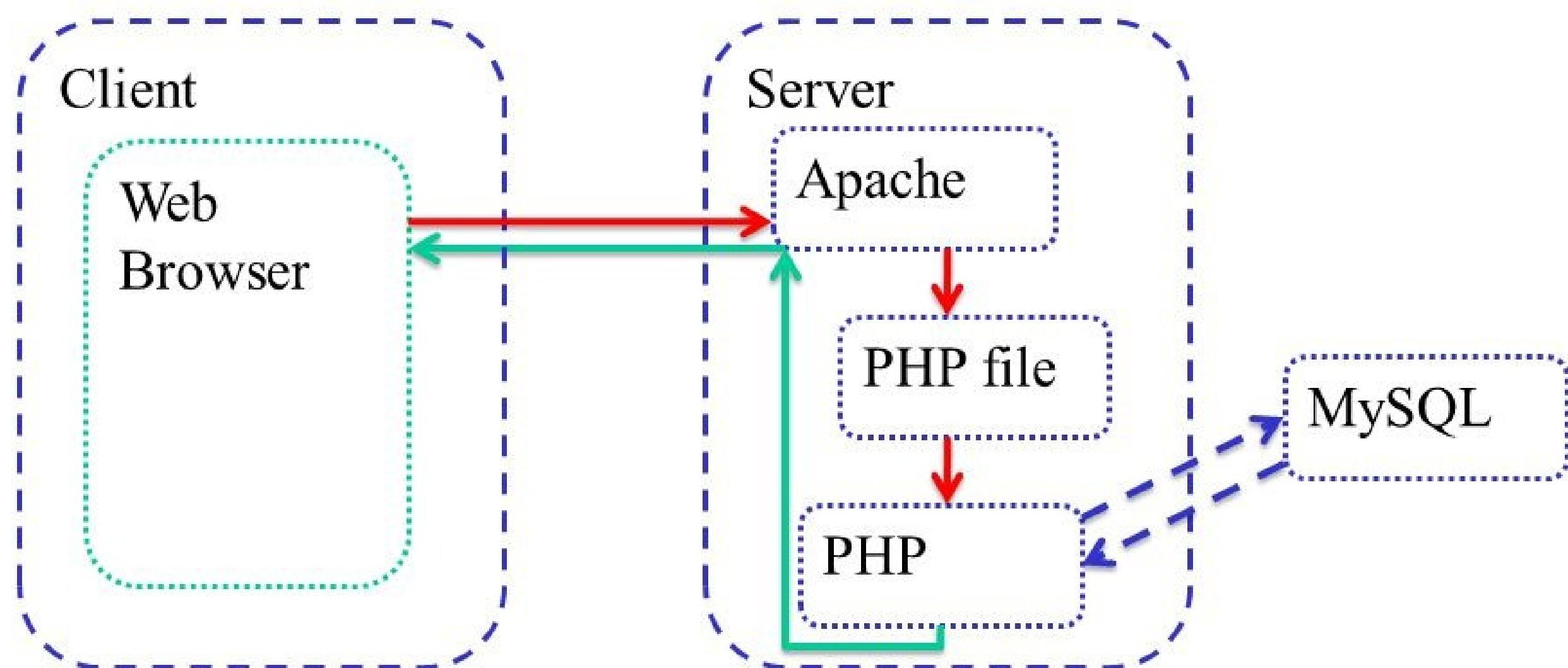
{.js}
JavaScript







PHP and MySQL



Recall the PHP architecture

PHP can communicate with a MySQL server (either local or external)