



# Full Stack Web Development: Photography App

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**Abstract:** The process of developing extensive and sophisticated websites for the internet or an intranet is known as web development. Languages like HTML, CSS, JavaScript, and PHP are typically used in conjunction with other programming and mark-up languages. Every aspect of the project is built on HTML. To style or adorn the websites, Cascading Style Sheets (CSS) is utilized. Additionally, external style sheets may be used. It is injected or programmed into HTML. PHP, also known as Personal Home Page hypertext pre-processor and formerly known as Personal Home Page, is a server-side scripting language that is employed to build dynamic websites. In this paper, we are developing a website called “photography app” which can be used by amateur or professional photographers. Customers can book their appointment with a photographer who has registered with our photography app for his/her occasion. There are many applications of this web application and the users are just one click away from their desire.

**Keywords:** Web development, HTML, CSS, JavaScript, and PHP, Cascading Style Sheets (CSS).

## I. INTRODUCTION

Any web development involves two types of scripting

- Server-side scripting [1]
- Client-side scripting

Any scripting or programming that runs on a web server is referred to as server-side scripting. This could be anything from processing a form, managing an online purchase registering a new user and other application related tasks. In the simplest possible set up with a web server, the web server is simply configured to read static files from the file system and then serve those files back as response. In this project MySQL [2] is the back-end tool. XAMPP control panel [3] is used to run the Apache and the MySQL server. Figure 1 show the request and response system as explained above. The application has particular framework.

- i. Request / response abstraction
- ii. Session state
- iii. User authentication and authorization
- iv. Page templates
- v. URL mapping
- vi. Database access
- vii. Security
- viii. Caching

Client-side scripting is the scripting that happens in ones’ browser or on the clients’ computer. Client-side scripting enables interaction within a webpage. The code required to process user-input is downloaded and compiled by the browser or plug-in. client-side scripts are often embedded within a HTML document or may also be contained in a separate file into which the document(s) that use it make reference and hence known as external script. Upon request, the necessary files are sent to the users’ computer by the web server. The user’s web browser executes the script and then displays the document.[4][5]

## II. METHODOLOGY

- The user has to register to the website before logging in. Figure 2 shows the online registration form containing the necessary fields

- i. Username
- ii. Contact number
- iii. Email
- iv. Password



- Once the user has registered with the website his/her details is loaded into the database [1] and the “register” table is as shown in figure 3. All the entered data during registration has been stored in the “register” table.
- The above project consists of the following tables as shown in figure 4 - “alogin”, “booknow”, “checkout”, “contact”, “employee” and “register”.
- Figure 5 shows the index page of the web application “shutter speed” and it is run on a web browser.
- The booking and the filling of the “contact us” form is dealt with in the next unit.

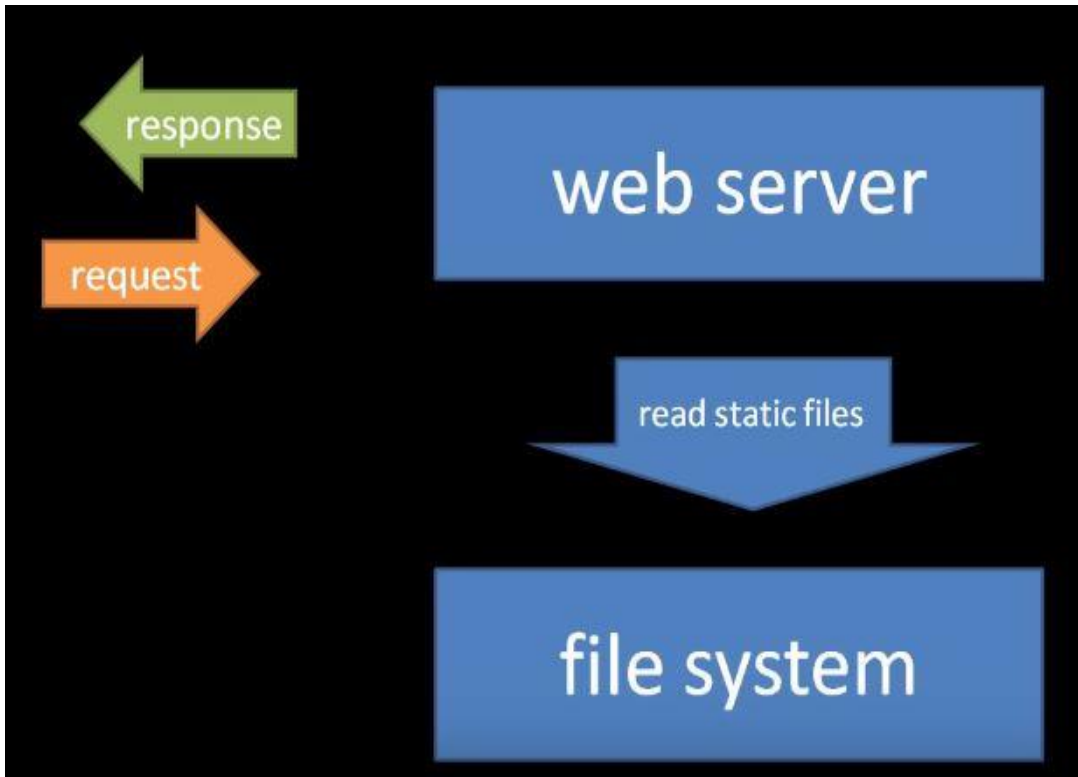


Figure 1 show the request and response system

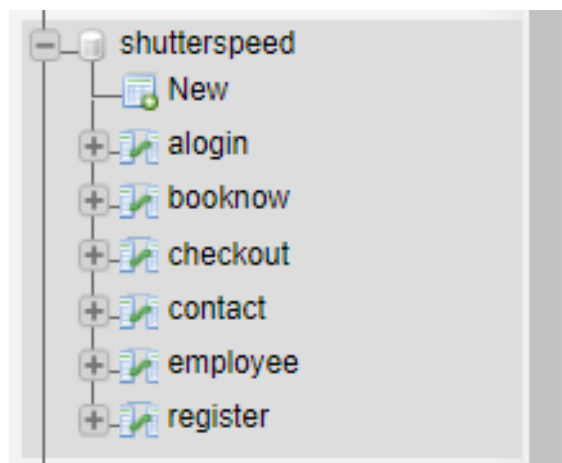


Figure 4 shows the tables of the project “shutter speed”

### III. CONTACT US AND BOOK NOW FORMS AND TABLES

i. Suppose the user is interested in the deal and he decides to ‘book now’, figure 6 shows the fields to be filled for the booking to be completed. Figure 7 shows the structure of the “book now” table. There are ten fields to be filled



- Name
- Mobile
- Email
- Date
- Location
- Pricing
- Status
- Pay method
- Photographer
- Service type

Figure 8 shows the data being entered by the user by name Vishesh S, bearing mobile number- 9945168773, and email address- visheshniranjan31@gmail.com and he prefers to pay by cash. He has selected the service- Kids photography and pricing- Advanced pricing scheme.

Figure 9 shows the contact form filled by Sameer, bearing email ID- sameer31@gmail.com and he needs an appointment for candid shoot. Figure 10 shows the table “contact” with recent entries.

The image shows a registration form with a red background and white text. The form is titled "REGISTER" in large white letters at the top left, with a white "X" icon at the top right. Below the title, there are five input fields with labels and values:

- Username: shreyas21
- Contact No.: 7760121456
- Email: shreylion@gmail.com
- Password: (represented by 10 dots)
- Repeat Password: (empty field)

At the bottom of the form, there is a white button with the text "NEXT" in red.

Figure 2 shows the online registration form



SELECT \* FROM `register`

[ Edit inline ]

Show all | Number of rows: 25 | Filter rows: Search this table

Sort by key: None

+ Options

	id	uname	email	pass	repass	contact
<input type="checkbox"/> Edit Copy Delete	22	Rama	rama@gmail.com	qqqq	qqqq	9900510650
<input type="checkbox"/> Edit Copy Delete	23	nandan	nandan31@gmail.com	nandan	nandan	8762171130
<input type="checkbox"/> Edit Copy Delete	24	shreyas21	shreylion@gmail.com	visheshvishesh	visheshvishesh	7760121456

Check all | With selected: Edit Copy Delete Export

Figure 3 shows the “register” table



Figure 5 shows the index page of the web application “shutter speed”

SELECT \* FROM `booknow`

[ Edit inline ] [ Edit ] [ Explain SQ ]

Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

name	mobile	email	date	location	stype	pricing	status	paymethod	photographer
vishesh s	9945168773	visheshniranjan31@gmail.com	2017-11-15	bangalore	KIDS PHOTOGRAPHY	ADVANCED PRICING		CASH	

Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Print view Export Display chart Create view

Figure 8 shows the data being entered by the user to the “booknow” table



## Book Now

Please fill all the fields

**Name\***

**Mobile No.\***

**Email\***

**Date\***

**Location\***

**Service Type\***

**Pricing\***

Figure 6 shows the fields to be filled for the booking to be completed.

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	name	varchar(200)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
2	mobile	varchar(15)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
3	email	varchar(200)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
4	date	date			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
5	location	text			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
6	stype	varchar(50)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
7	pricing	varchar(50)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
8	status	varchar(200)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
9	paymethod	varchar(50)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns
10	photographer	varchar(200)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values Add to central columns

Check all    With selected:  Browse     Change     Drop     Primary     Unique     Index     Add to central columns     Remove from central columns

Figure 7 shows the structure of the “book now” table.



For your extra queries please contact us

Name\*

Email\*

Subject\*

Message\*

hello!!  
i need a candid photoshoot with my friends

Figure 9 shows the contact form filled by Sameer, bearing email ID- sameer31@gmail.com and he needs an appointment for candid shoot.

Showing rows 0 - 1 (2 total, Query took 0.0014 seconds.)

```
SELECT * FROM `contact`
```

Show all | Number of rows: 25 | Filter rows: Search this table

+ Options			
name	email	subject	message
Nikhil	nikhil@gmail.com	About Appointment	I need the shooting for more than a day...
sameer	sameer31@gmail.com	appointment for candid shoot	hello!! i need a candid photoshoot with my friends

Figure 10 shows the table “contact” with recent entries.



#### IV. CONCLUSIONS

The internet has become the integral part of our lives and with the advancements in web applications and mobile computing, almost all goods and accessories can be booked and purchased online [6]. “Shutter speed” is one such effort to enable the online customers in booking appointments and choosing the service of their choice with very few steps. In this paper, with our efforts in developing the web application, the server-side scripting and client-side scripting were also briefly dealt with.

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#### BIOGRAPHY



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