

## HTML,CSS AND SQLITE

- HTML-(1 session)Basic HTML like What is Tags attribute property Form Tag HTML-HTML5 tags
- CSS (1) Selectors • Margin-Padding-display property • Create login-registration page
- Bootstrap (2) Grid Rows-Cols • Forms-Cards
- SQL-(MySQLi)(4)
- SQL Queries
- Normalization
- Joins
- Indexer
- PHP array
- PHP expression
- PHP function
- PHP operations
- String Function
- PHP String

## CORE PHP

- HTTP Protocol
- PHP syntax
- PHP variable
- Super Global Variables
- Conditions Events and flows
- If condition
- If else if
- Do While Loop
- For each Loop
- For loop
- Array Function
- Date-time function
- Header function
- Include require

## ADVANCE PHP

- OOPs Concepts
- Class
- Object

- Extends
- Overloading
- Abstraction interface
- Constructor
- Destructor
- Magic Methods
- Scope Resolution
- Traits
- Visibility
- Type hinting
- Final keyword
- Email security function
- File handling
- Handling emails
- MVC Architecture
- Connection with MySQL database
- SQL injection
- Session and cookies
- File upload
- PHP with MVC Architecture
- Insert, Update, Delete MVC
- Java script
- JQuery
- JQuery Events
- JQuery Validation
- Practical Example: 1)Alert, Prompt, Confirm 2)Create calculator 3)Create slideshow 4)Validation using JavaScript 5)Hide show using jQuery
- PHP and Ajax
- AJAX (crud)
- Regular Expression
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### **PHP WEBSERVICES,API**

- Payment Gateway Integration
- -> Create API With Header -> API with Image Uploading
- Practical Example: Payment Gateway Implement on MVC Project
- -> SOAP and REST AP, Create API for insert, update and delete
- Product Catalog
- Shopping Cart

- Web Services
- Practical Example: Create Web Services for MVC Project Integration of API in Project

## INTRODUCTION OF LARAVEL PHP FRAMEWORK

- Installing Laravel
- Artisan CLI ( command-line interface )
- Laravel Directory Structure
- Configuring a new Laravel project
- Artisan command to generate boilerplate code for a controller
- Basics of laravel—— > Routing
- Controller
- Middleware
- Request
- Response
- HTML Template to Laravel Blade Template
- HTML Template to Laravel Blade Template——— > Template inheritance
- Master layout
- Extending the master layout
- Displaying variables
- Blade conditional statements
- Blade Loops
- Executing PHP functions in blade
- Displaying Your Views
- Creating and using a basic views
- Loading a view into another view/nested views
- Adding assets Integrating with Bootstrap

## LARAVEL-MIGRATIONS INDUSTRY

- Introduction
- Requirements for running migrations
- Artisan migration command
- Migration structure
- How to create a table using a migration
- Laravel migration rollback
- Database Seeding
- Migrations for our project database Pagination

## LARAVEL-USING FORM INPUTS

- Creating contact us form
- Validating user input
- Sending email
- Creating a file uploader
- Validating a file uploader
- Creating a custom error message
- Laravel Collective—— > Installation
- Opening A Form
- Form Model Binding
- Form controls
- Custom macros

## LARAVEL-USING CONTROLLERS AND ROUTS FOR URLS AND APIS

- Introduction
- Creating a basic controller
- Creating a route using a closure
- Making the controller RESTful
- Using route groups
- Building a RESTful API with routes
- Rest API with Passport Authentication
- Event
- Mail
- Queue
- Task Scheduling
- Eloquent ORM and Models—— > Naming conventions
- Table name and primary keys
- Timestamps
- Eloquent ORM INSERT, READ, UPDATE, DELETE
- Relationship
- Using models in controllers
- Displaying data from models in views
- Creating and Using Composer Packages——- > Downloading and installing packages
- Using a basic Shopping Cart package in our project
- socialite
- Using Ajax and jQuery—— > Getting data from another page
- Setting up a controller to return JSON data

- Creating a JQuery, AJAX comment system
- Security & Session—— > Using Security Sessions Effective