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## Course Syllabus: Building Database Applications in PHP

**Batch Name: Building Database Applications in PHP**

**Eligibility: 12th**

**Course Start: 1st of Every Month**

**Course Duration: 90 Hours**

### Courses / Modules Paper

*Module 1*

| Paper 1 | Paper 2 |
|---------|---------|
| PHP | SQL |

## Paper 1: PHP

### PHP Objects

1.1 Object Oriented Concepts
1.2 Creating Objects in PHP
1.3 Object Oriented Libraries in PHP
1.4 Object Life cycle in PHP
1.5 Object Inheritance in PHP

### PHP Cookies and Sessions

1.1 Cookies
1.2 Sessions
1.3 Sessions without Cookies
1.4 Code Walkthrough: Cookies and Sessions

### PHP Redirect, Routing and Authentication

1.1 Redirect, Routing and Authentication
1.2 Code Walkthrough: Routing and Redirect
1.3 POST/ Refresh/ Redirect
1.4 Implementing Login and Logout

### Building a CRUD Application

2.1 Create, Read, Update and Delete
2.2 CRUD in PHP

## Paper 2: SQL

### Connecting PHP and MYSQL

2.1 PHP Database Libraries
2.2 Running SQL Queries in PHP
2.3 Accessing MYSQL using PDO
2.3 Security Issue: Avoiding SQL Injection
2.4 Error Handling with PDO