

**WHAT IS ADEQUATE?**

Adequate is an open-source Web development framework, following the MVC Software Architectural Pattern and supporting packaging system, authentication, query builders, form builders, and other software structures and tools.

**CONCEPTS WHICH HELPED IN BUILDING THIS FRAMEWORK**

PHP LANGUAGE CONCEPTS:

* Routing URLs
* CSRF (Cross-Site Request Forgery) Tokens
* PDO (PHP Data Objects) Database Connection
* Autoloader methods
* Form builder
* Query builder (CRUD)
* Form Validator
* Middleware
* Other security aspects (global variables and error reporting)
* Authenticating (Login & register)

OOP CONCEPTS:

* Classes & Objects (Static classes, constructors)
* Inheritance & Composition
* Interfaces & Abstraction
* Static & Dynamic Polymorphisms

SOFTWARE ARCHITECTURE CONCEPTS (DESIGN PATTERNS):

* Singleton Creational Pattern
* MVC Architectural Pattern
* Façade Structural Pattern

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