

## ABSTRACT

### PHP FRAMEWORK DEVELOPMENT WITH MVC ARCHITECTURE AND DEPENDENCY INJECTION DESIGN PATTERN

In the last two decades, website development becoming one of the trends in technology. Nowadays, PHP as the most popular web programming language, must be able to complement with the web development requirement. However, since PHP doesn't have structure, it become problems for many developer. The solution is to use PHP framework which support MVC architecture that separate between business logic, interfaces, and business process. This thesis tries to develop PHP framework by using Dependency Injection as the design pattern. With DI, the objects will not be tightly coupled which usually cause cumbersome for code management. DI will also create a better object oriented design when developing and when doing unit testing.

**Keywords:** php framework, dependency injection, mvc, model-view-controller