ABSTRACT

Many kind of method uses for create the good software architecture. How make the strong architecture software like functionality and flexibility. The software architecture good not only look from functionality and flexibility beside that we look from Programming technique. Object oriented programming paradigm look a encapsulation property and method in some class so that not any kind of class be able access the class to uses property and method of this class, but just friend or subclass can be access that. In Object Oriented technique some time can not representation or description about the class in requirement of software. Many classes to be create for different function or operation at the basic that is similar definition. This case will make duplication method this problem not efficient to write code algorithm.

Template Method is one of the patterns design mostly use. Breakdown. This pattern always uses to handle this problem like duplication method in object oriented coding in algorithm. The super class breakdown became subclass it specific method while the common method must be description in super class.

This final project will make the application. That is Design and Implementation Software with Template Method Design Patterns In Sale and Supply System Software. After develop with template method patterns we comparing with traditional development method process. After that we can make hypothesis what the benefit when we develop application among than traditional method or with template method strategy.

We start with analyze the requirement specification and design software with Object-Oriented Software Development Lifecycle (OO-DLC).Model Notation use UML (Unified Modeling Language) which Rational Rose Tools. And use JBuilder 10 for the Programming language

Key Word : Design Patterns, Template Method, UML,OO-DLC, Java.