

In my project I had used MVC, Singleton, Factory, Iterator and Template pattern.

The project divided into 3 section UI, Business, Data Access layer.

MVC Pattern: I had used at the presentation so model separated by controller.

Singleton Pattern: To share common data access throughout the application.

Factory Pattern: Between each layer for decoupling and centralizing object creation to avoid code complication.

Iterator Pattern: For Providing tight encapsulation through middle tier object.

Observer Pattern: For Sending notification to subscribed users.

Facade Pattern: For delegating client requests to appropriate subsystem objects eg. The consumer calls one number and speaks with a customer service representative. The customer service representative acts as a Facade, providing an interface to the order fulfillment department, the billing department, and the shipping department.

Template Pattern: For consistence vocabulary and naming convention for business objects.