

Facade design Pattern:-

Provide a unified interface to a set of interfaces in a subsystem. Facade define a higher level interface thst makes the subsystems easier to use .

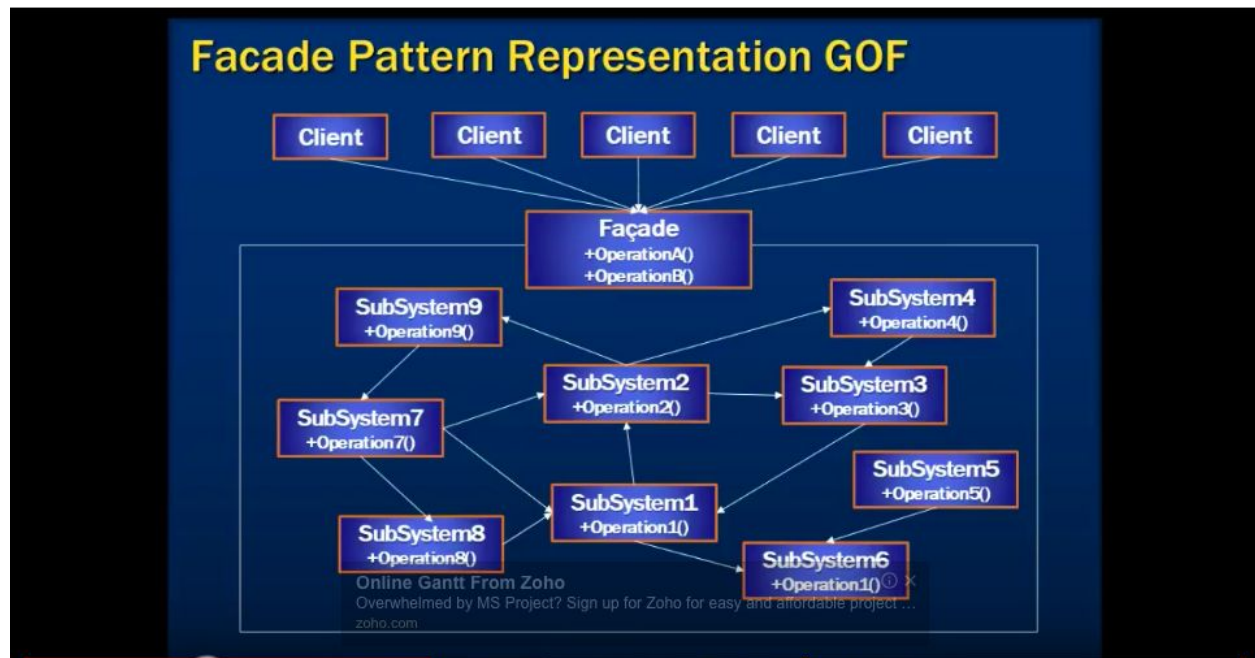
Falls under structural design pattern.

French word:_ facade meaning frontage or face .

When to use the facade design patrn :-

when we want to provide a simple interface to a complex subsystem.

When we want to layer the subsystems.



Facade Design Pattern Important Points

- Facade design pattern is more like a helper for client applications, it doesn't hide subsystem interfaces from the client. Whether to use Facade or not is completely dependent on client code.
- Facade design pattern can be applied at any point of development, usually when the number of interfaces grow and system gets complex.
- Subsystem interfaces are not aware of Facade and they shouldn't have any reference of the Facade interface.
- Facade design pattern should be applied for similar kind of interfaces, its purpose is to provide a single interface rather than multiple interfaces that does the similar kind of jobs.