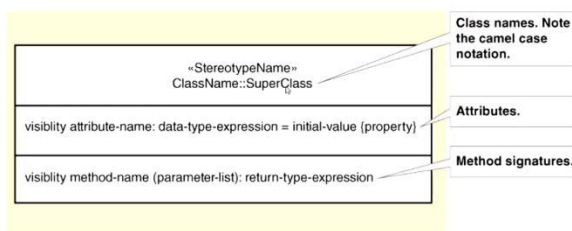


- [Design *Phase*]
- [Software design for SDLC]: Explain
- [Object oriented software design for SDLC]: Explain? Models
 - [Design class diagrams]: Explain? EG
 - [Sequence diagrams]: Explain? EG
- [Object oriented design principles]: Components
 - [Object responsibility]: Explain
 - [*Decrease* Coupling]: Explain
 - [*Increase* Indirection]: Explain
 - [*Increase* Cohesion]: Explain? EG
 - [*Encourage* Separation of responsibilities]: Explain
 - [*Encourage* Protection from variations]: Explain
- [Design class diagrams]: Explain? Types of design class
 - [Entity class]: Explain? How to represent
 - [Boundary class or view class]: Explain? EG? How to represent
 - [Controller class]: Explain? How to represent
 - [Data access class]: Explain? How to represent

Notation for a design class



- Syntax for Name, Attributes, and Methods



- [Design class]: List of components
 - [Attributes]
 - [Methods]
 - [Navigation visibility]
- [Attributes]: Types? EG
 - [Visibility]: Explain
 - [Attribute name]: Explain
 - [Data type expression]: Explain
 - [Initial value]: Explain
 - [Property]: Explain
- [Methods]: Parts
 - [Visibility]: Explain
 - [Method name]: Explain

- [Parameter list]: Explain
 - [Return type expression]: Explain
 - [Class level methods vs class level attributes]: Explain
- [Navigation visibility]: Explain? Guidelines for navigation visibility

- [First Cut Sequence diagram]: Explain? Components
 - [Use case controller]: Explain
 - [Domain classes]
- [Elements of sequence diagram]: Explain? Guidelines for drawing
 - [Lifeline]: Explain
 - [Activation lifeline]: Explain
 - [Messages have origin and destination]: Explain
- [Assumption for first-cut sequence diagrams]: List
 - [Perfect technology assumption]: Explain
 - [Perfect memory assumption]: Explain
 - [Perfect solution assumption]: Explain

- [Multilayer sequence diagrams]: Explain

- [Package diagrams]: Explain