

## Classes, Attributes & Methods - Typical Examples

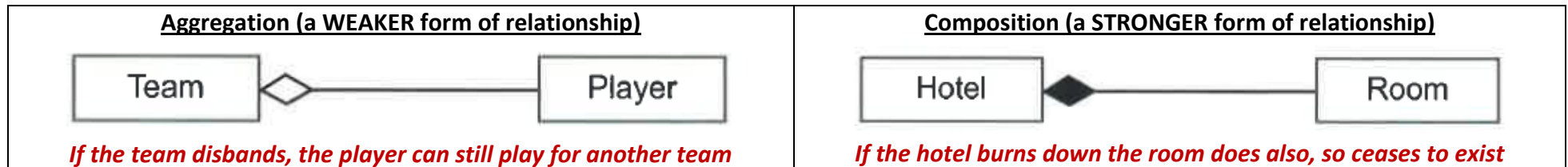
User Class	
Attributes	Methods
<ul style="list-style-type: none"> <li>• UserID</li> <li>• Forename</li> <li>• Surname</li> <li>• Date of Birth</li> <li>• E-Mail Address</li> <li>• Username</li> <li>• Password</li> </ul>	<ul style="list-style-type: none"> <li>• Register()</li> <li>• SignIn()</li> <li>• LogOut()</li> <li>• UpdateDetails()</li> <li>• DeleteAccount()</li> </ul>

Order Class	
Attributes	Methods
<ul style="list-style-type: none"> <li>• OrderID</li> <li>• CustomerID</li> <li>• OrderDate</li> <li>• ProductID</li> <li>• Quantity</li> <li>• Postage&amp;Packaging(£)</li> <li>• Discount(%)</li> <li>• TotalCost(£)</li> </ul>	<ul style="list-style-type: none"> <li>• PlaceOrder</li> <li>• AmendOrder</li> <li>• CancelOrder</li> </ul>

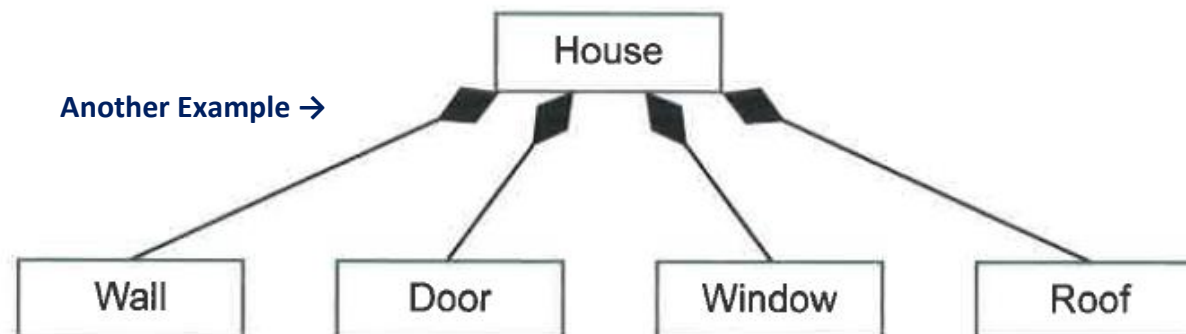
Product Class	
Attributes	Methods
<ul style="list-style-type: none"> <li>• ProductID</li> <li>• ProductName</li> <li>• ProductDescription</li> <li>• ProductType/Category</li> <li>• ProductColour</li> <li>• ProductSize</li> </ul>	<ul style="list-style-type: none"> <li>• AddProduct()</li> <li>• AmendProductDetails()</li> <li>• DeleteProduct()</li> </ul>

## Basic Class Diagrams

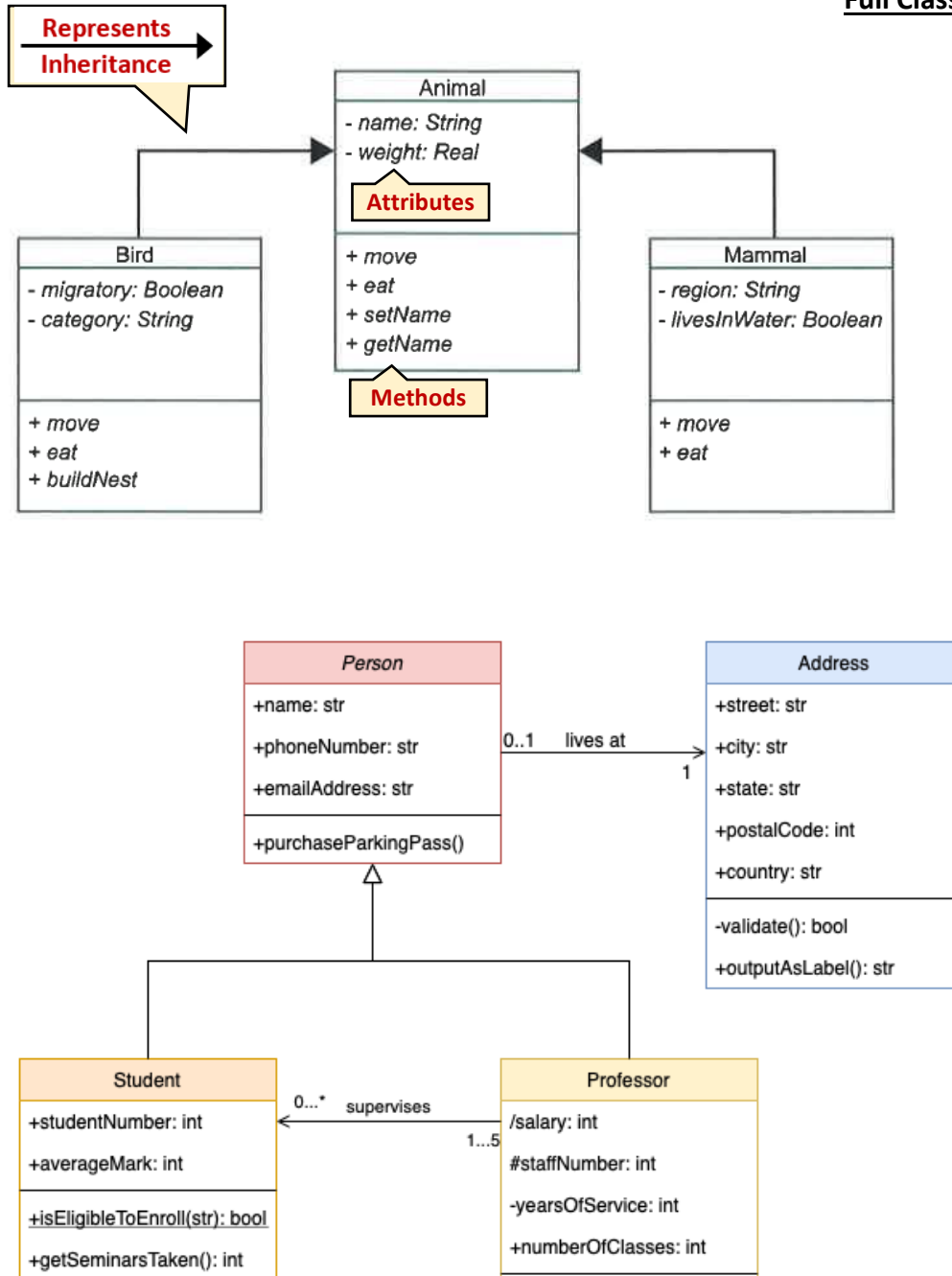
The type/strength of relationship between your classes are shown using DIAMOND symbols:



Another Example →



## Full Class Diagrams



## Typical Ordering System

