

## Service Orientation

### Customer

- Data-centric
- Implemented as a data-centric service as it is only required to manipulate a database table.
- Loose coupling, does not have any dependencies.
- Application is aware of the service but the service doesn't know about the application.
- Business orientated, service is aligned with the business process and entities presented in the initial specification.

### Product

- Data-centric
- Implemented as a data-centric service as it is only required to read a database table.
- Loose coupling, does not have any dependencies.
- Application is aware of the service but the service doesn't know about the application.
- Business orientated, service is aligned with the business process and entities presented in the initial specification.

### Order

- Data-centric
- Logic-centric
- Implemented as a data-centric service as it is required to manipulate a database table.
- Some logic-centric elements as it is required to modify stock levels based on quantities of stock ordered and maintain the shipping of all existing orders.
- Relatively loose coupling as it relies on an product database to be reachable.
- Application is aware of the service but the service doesn't know about the application.
- Business orientated, service is aligned with the business process and entities presented in the initial specification.

### Supplier

- Data-centric
- Logic-centric
- Implemented as a data-centric service as it is required to read a database table.
- Some logic-centric elements as it is required to restock the warehouse.

- Relatively loose coupling as it communicates with the warehouse.
- Application is aware of the service but the service doesn't know about the application.
- Business orientated, service is aligned with the business process and entities presented in the initial specification.

#### Warehouse

- Data-centric
- Logic-centric
- Implemented as a data-centric service as it is required to read a database table.
- A few logic-centric elements as it is required to order stock from the supplier and send stock to the warehouse
- Not so loose coupling as it is required to order stock from the supplier and send stock to the store
- Application is aware of the service but the service doesn't know about the application.
- Business orientated, service is aligned with the business process and entities presented in the initial specification.