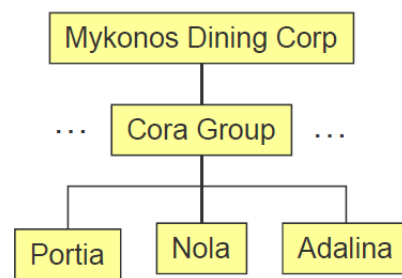


# Mykonos Dining Corp. and Cora Group

## Business Modeling

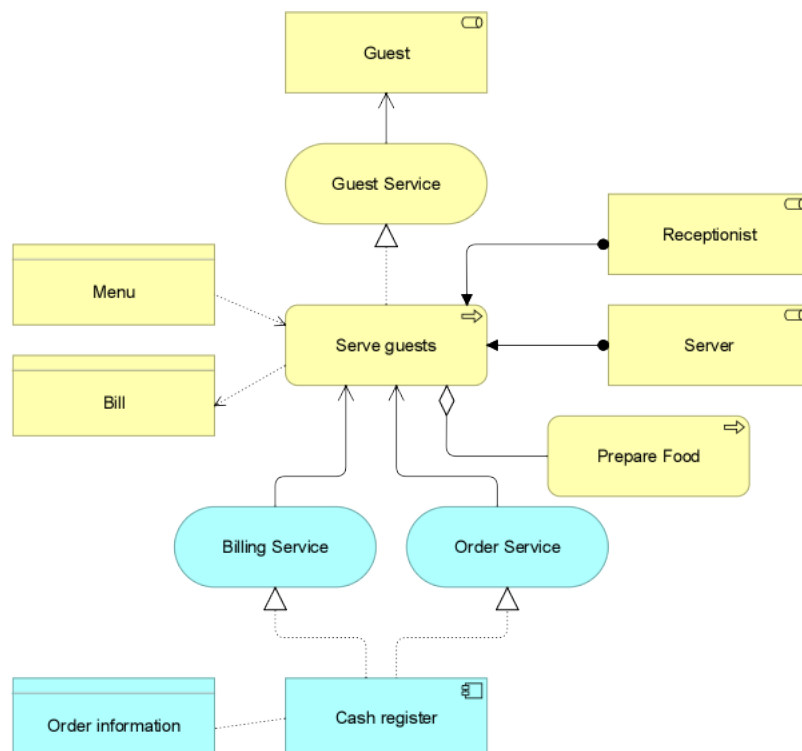
Mykonos Dining Corp. is a company which acquired Cora Group, a company which owns several restaurants in Washington DC.

- Cora's flagship restaurant is Portia which has the mission of cooking meals fresh.
- Nola is another restaurant of Cora Group that just opened.
- A third restaurant in the Cora Group is Adalina, a fairly new restaurant with only eight tables.



## Architecture View

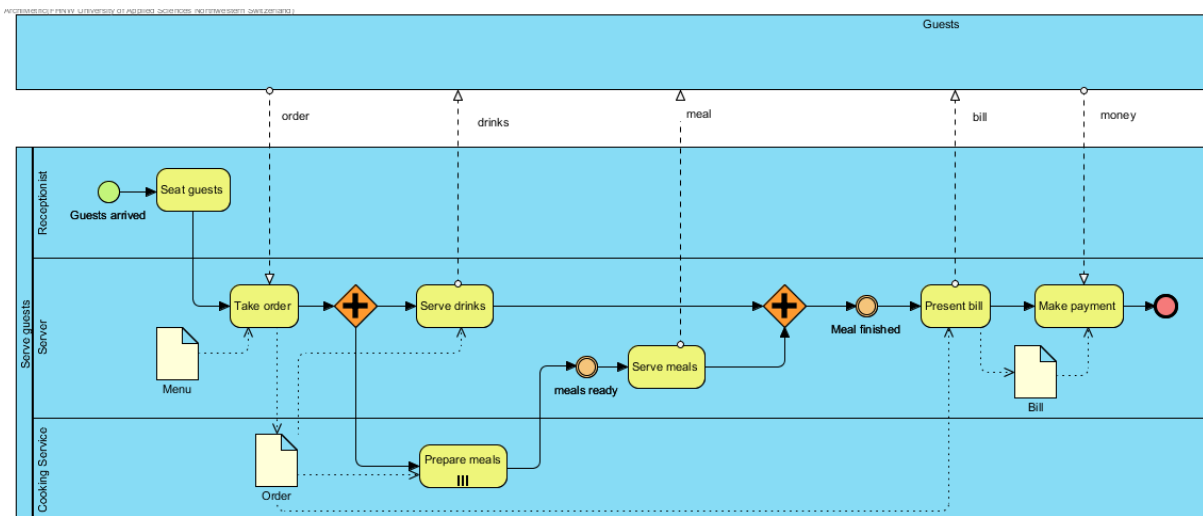
This is a view on the Enterprise Architecture from the viewpoint of the process manager for guest service at Portia



## Process Modeling

Please model the following process for serving the guests in the Portia restaurant using BPMN:

- As soon as the guests arrive, they are welcomed by the receptionist and seated.
- The server takes the order.
- The drinks are served by the server.
- The meals are prepared by the cooking service. As soon as the meals are ready, they are served by the server.
- If the meal is finished, the server prints and presents the bill and then makes the payment.



## Organisation Modeling

Model the organisation structure:

- The Portia restaurant has four units: Procurement, Diner Services, Cooking Services and Cleaning Services.
- There are three roles in the Diner Service: Receptionist, Server and Bar keeper. In the kitchen there are the Cook and the Cook's Assistant.
- The head Chef is Joanne Robertie, Jackie Strodder is the head of Procurement and Jim Molloy is the Service Director.

## Data and Document Modeling

Model the data for the process of serving guests and reference it from the BPMN model:

- To place their orders the guest can read a menu. The menu is a document. There are four menus:
  - A dinner menu
  - A lunch menu
  - A wine list
  - The weekly menu for week 45
- The order is taken with an electronic device. The ordered beverages are shown on a screen at the bar, where they can be prepared for serving. The meal orders are shown on a screen in the kitchen. As soon as a meal is finished it is deleted from the list. The order consists of at least one order item. An order item has a quantity and a product. The order is assigned to a table.
- The bill is a document which is presented by a server. The bill has a table number and an amount.

Extend the process model with the appropriate data models.

Can you see a difference between these data objects?