Oven

Responsibilities

· bake the Pizza

Helper

· Baker

Oven

Definition:

Oven bakes the Pizza and informs the store and the baker when Pizza is finished

Attributes:

· Status → empty oven or not

· Time left

Baker/Superclass: Staff Member

Responsibilities

· Puts the Pizzas in the Ovens

Helper

· Oven
· Pizza

Baker

Definition:

fills the Ovens with the Pizzas

Person

Responsibilities

· Knows its own data

Helper

Person

Definition:

Representation of a person

Attributes:

· Name

· Address

· Number

Admin/Superclass: Staff Member

Responsibilities

· Manages Staff Members
· Manages number of Ovens

Helper

· Store
· Oven, Store

Admin

Definition:

Manages the Staff Members and Ovens, also the Customers. Has permission to do changes in the system.

Deliverer/Superclass: Staff Member

Responsibilities	**Helper**
• Deliver the Pizzas	• Store

Deliverer

Definition:

Delivers the Pizzas to the Customers.

Customer/Superclass: Person

Responsibilities	**Helper**
• Register • Places an Order	• Seller

Customer

Definition:

Orders some Pizzas from the Website via telephone.

Attributes:

• TAN

Staff Member/Superclass: Person

Responsibilities	Helper

Stuff Member/Subclasses: Admin, Deliverer, Seller, Baker

Definition:

Representation of the Staff Members of the Store (abstract)

Attributes:

- income

Seller/Superclass: Staff Member

Responsibilities	Helper
• Takes Order from Customer • Register Customers • Checks TAN	• Oder • Customer, Store • Customer

Seller

Definition:

Takes the Order from a Customer, can register a Customer

Item

Responsibilities

· Knows its price
· Knows its name

Helper

Item/Subclasses: Pizza, Ingredient, Drink, Salad

Definition:

Defines a product with its price

Attributes:

· Price

· Name

Ingredient/Superclass: Item

Responsibilities

· Knows its price
· Knows its name

Helper

Ingredient

Definition:

Defines an Ingredient of a Pizza

Order

Responsibilities

- Knows its Items
- Knows the Customer that belongs to it
- Add/delete Items
- Knows its status
- Knows its total price
- Puts the Pizzas in the PizzaQueue
- Knows if it has to be delivered or if it's picked up in the Store by Customer

Helper

- Item
- Customer

- Store
- Store

Order

Definition:

Order contains all the Items a Customer want to buy

Attributes:

- Itemlist
- Status
- Customer
- Total Price

Drink/Superclass: Item

Responsibilities

Helper

Drink

Definition:

Representation of a Drink

Pizza/Superclass: Item

Responsibilities

- Add/delete Ingredient
- Knows status
- Knows Ingredients

Helper

- Ingredient

Pizza

Definition:

Representation of a Pizza that contains several Ingredients

Attributes:

- Ingredirentslist

Store

Responsibilities

- Manages PizzaQueue
- Manages Orders
- Manages Customers
- Manages Staff Members
- Manages accounting
- Knows number of Ovens

Helper

- Order, Baker
- Order
- Customer
- Staff Member

- Oven

Store

Definition:

Manages the Persons and the Orders of the Store

Attributes:

- Personlist
- Customerslist
- Orderslist
- PizzaQueue
- Number of Ovens

Salad/Superclass: Item

Responsibilities | **Helper**

Salad

Definition:

Representation of a Salad