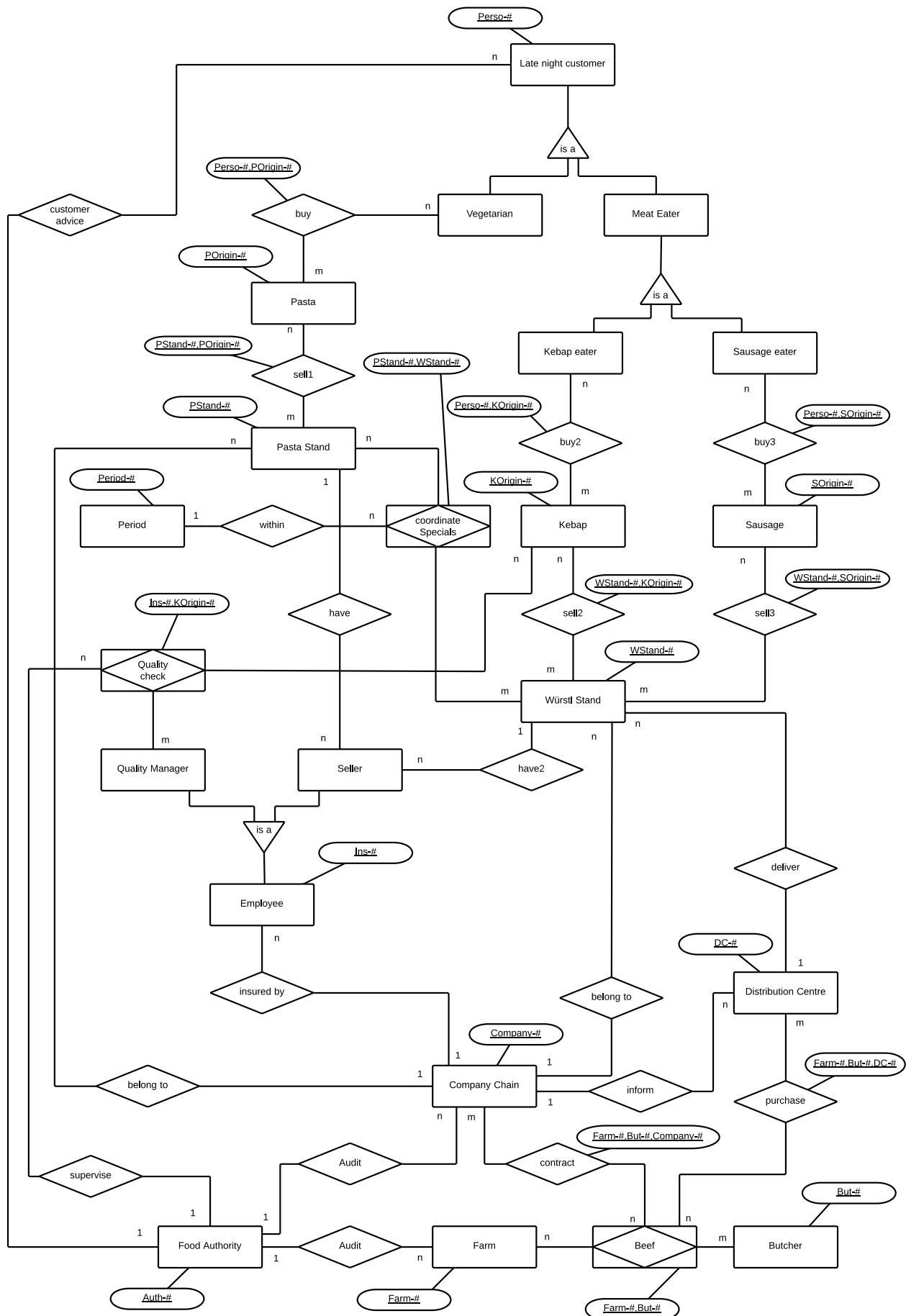# Instructions Very Hard Exercise4: Würstl Stand

a) Late night customer (Perso-#) are either Vegetarian or Meat Eater. Vegetarians buy Pasta (POrigin-#). Meat Eater are either Kebap Eater or Sausage Eater. Kebap eater buy Kebaps (KOrign-#). Sausage eater buy Sausages (SOrigin-#).

b) There are Würstl Stands (WStand-#) and Pasta Stands (PStand-#) all over Vienna. The Würstl Stands sell a variety of Kebaps and Sausages. The Pasta Stands also sell various combinations of their Pasta.

c) The Pasta Stands and Würstl Stands coordinate Special Offers between each other within a certain Period (Period-#).

d) Pasta Stands and Würstl Stands belong to one Company Chain (Company-#). A Chain can have various Stands.

e) Employees (Ins-#) are insured by the Company Chain. Employees are either Quality Manager or Seller. Both types of stands have one or more Sellers. Due to hygiene standards Sellers are uniquely assigned to one Stand.

f) Due to recent misconduct Quality Managers have to perform Quality Checks of Kebaps. The Quality Check is supervised by the Food Authority (Auth-#).

g) The Food Authority audits the Company Chains and Farms (Farm-#). Company Chains and Farms are audited by only one Authority. About its findings the Food Authority gives customer advice to the Late night customers.

h) The relationship between Farms and Butchers (But-#) is Beef, this forms part of a contract (about size, quality, origin of the Beef) with the Company Chain. The Company Chain informs its Distribution Centres (DC-#) about the approval of the Beef, which the Distribution Centres purchase from the relationship between Farms and Butchers.

i) The Distribution Centre delivers Würstl Stands. Würstl Stands get their delivery from only one Distribution Centre.

Perso-#

Late night customer

is a

Vegetarian Meat Eater

customer advice

Perso-#,POrigin-#

buy

POrigin-#

Pasta

PStand-#,POrigin-#

sell1

PStand-#

Pasta Stand

Period-#

Period

within

coordinate Specials

PStand-#,WStand-#

is a

Kebap eater Sausage eater

Perso-#,KOrigin-#

buy2

Perso-#,SOrigin-#

buy3

KOrigin-#

Kebap

SOrigin-#

Sausage

have

WStand-#,KOrigin-#

sell2

WStand-#,SOrigin-#

sell3

WStand-#

Würstl Stand

Ins-#,KOrigin-#

Quality check

Quality Manager

Seller

have2

is a

Ins-#

Employee

insured by

DC-#

Distribution Centre

deliver

belong to

Company-#

Company Chain

inform

belong to

supervise

Audit

contract

Farm-#,But-#,Company-#

Farm-#,But-#,DC-#

purchase

But-#

Butcher

Food Authority

Audit

Farm

Beef

Auth-#

Farm-#

Farm-#,But-#

Late night customer

Perso-#	...	...

buy

Perso-#	POrigin-#	...

Pasta

Porigin-#	...	...

Kebap-#

KOrigin-#	...

buy2

Perso-#	Korigin-#	...

Sausage

Sorigin-#	...

buy3

Perso-#	Sorigin-#	...

Period

Period-#	...

sell2

Wstand-#	Korigin-#	...

sell3

Wstand-#	Sorigin-#	...

Butcher

But-#	...

Pasta Stand

Pstand-#	Company-#	...

sell1

Pstand-#	Porigin-#	...

coordinate

Pstand-#	Wstand-#	Period-#	...

Würstl Stand

Wstand-#	Company-#	DC-#	...

contract

Farm-#	But-#	Company-#	...

Employee

Ins-#	Company-#	...

Quality Check

Ins-#	Korigin-#	...

Company

Company-#	Auth-#	...

Distribution Centre

DC-#	Company-#	...

Food Authority

Auth-#	...

purchase

Farm-#	But-#	DC-#	...

Beef

Farm-#	But-#	...

Farm

Farm-#	Auth-#	...