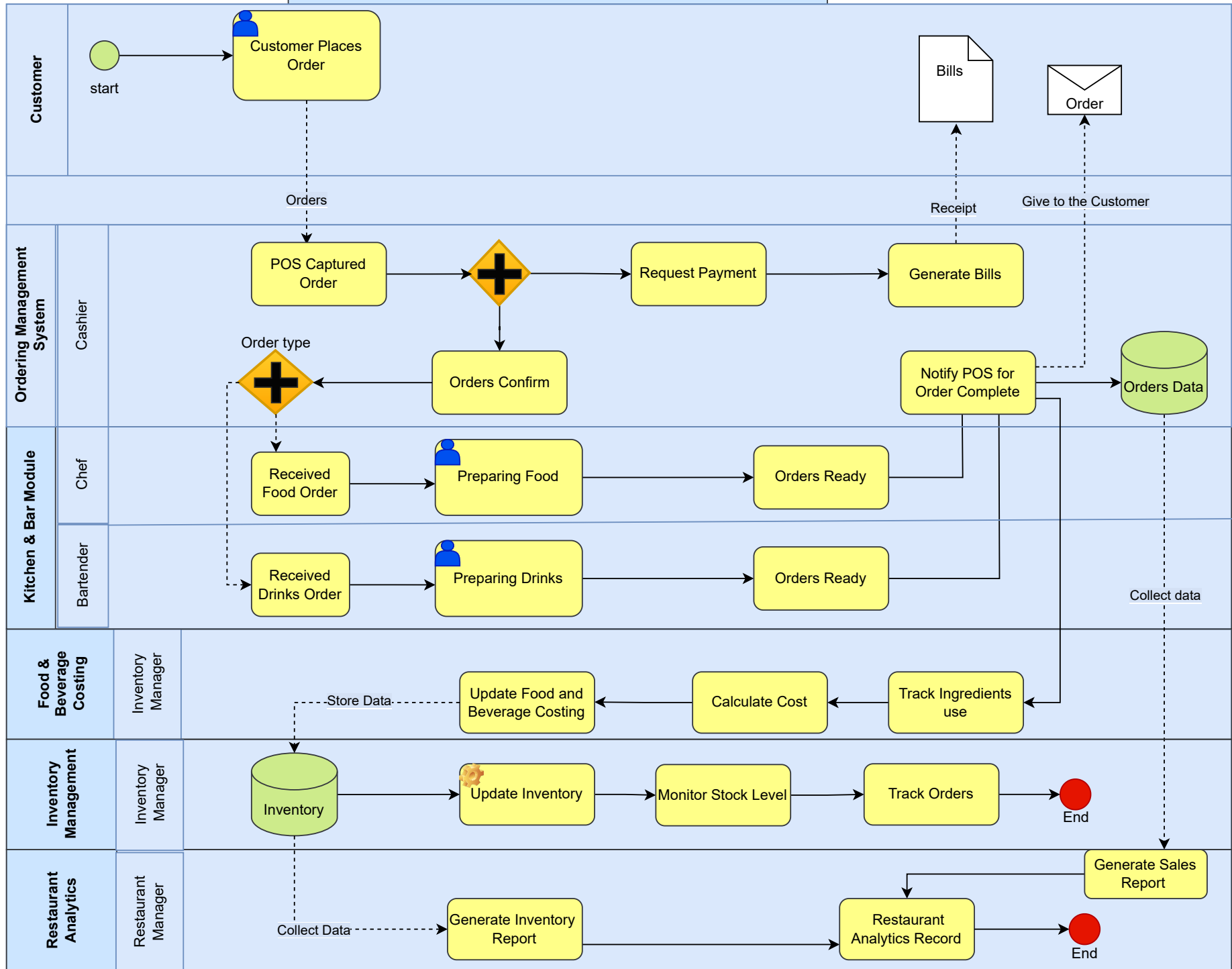
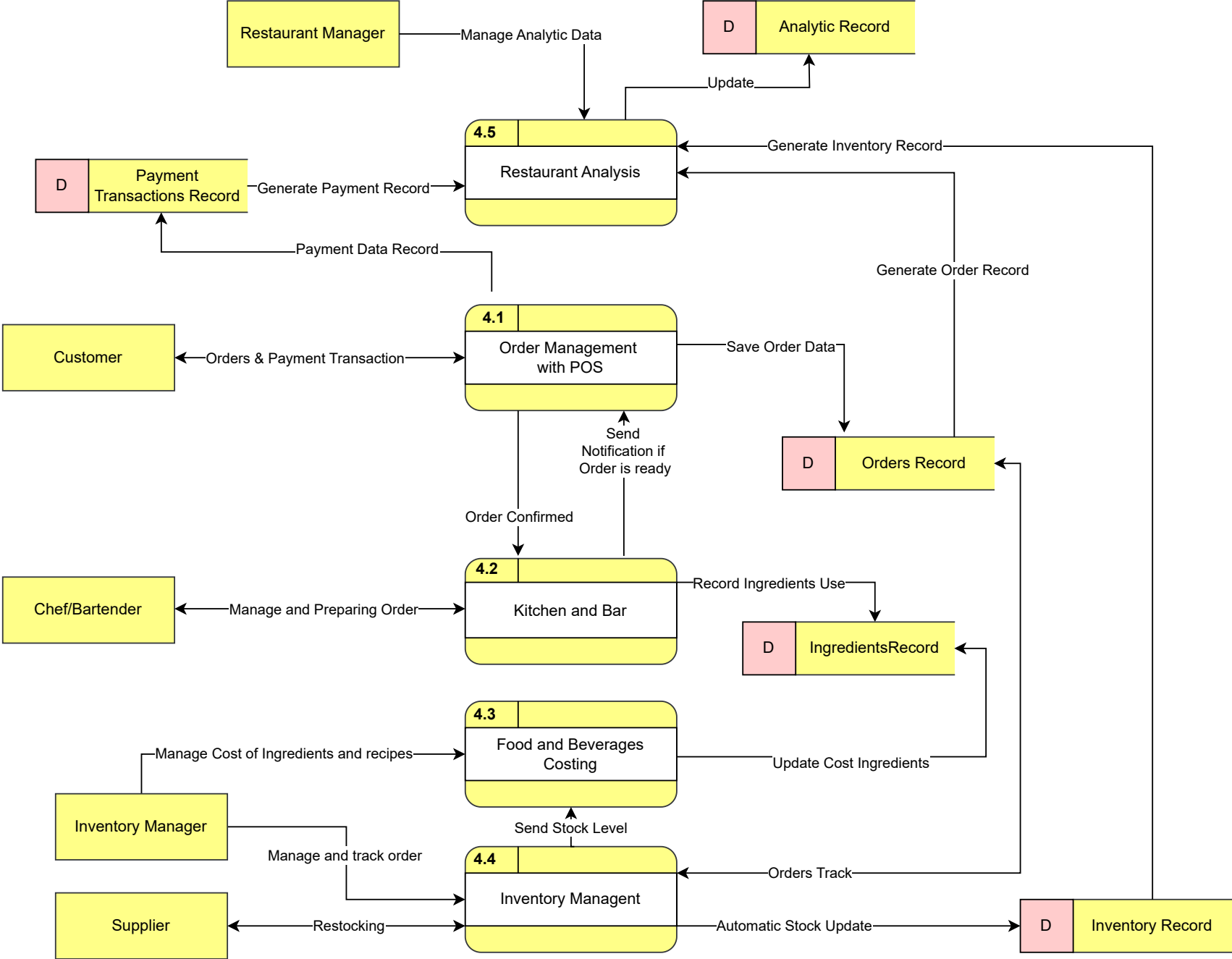


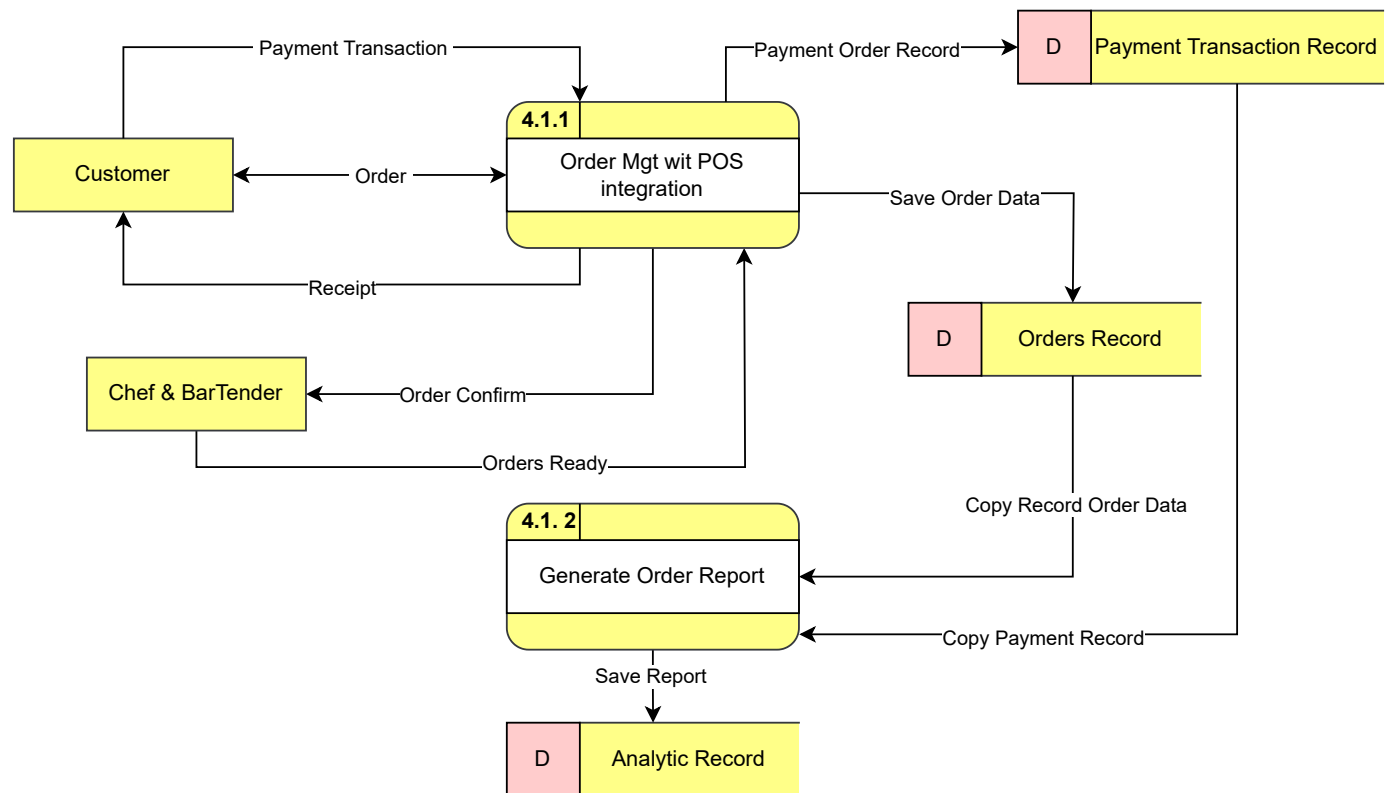
BPMN - Restaurant Ordering Management Process



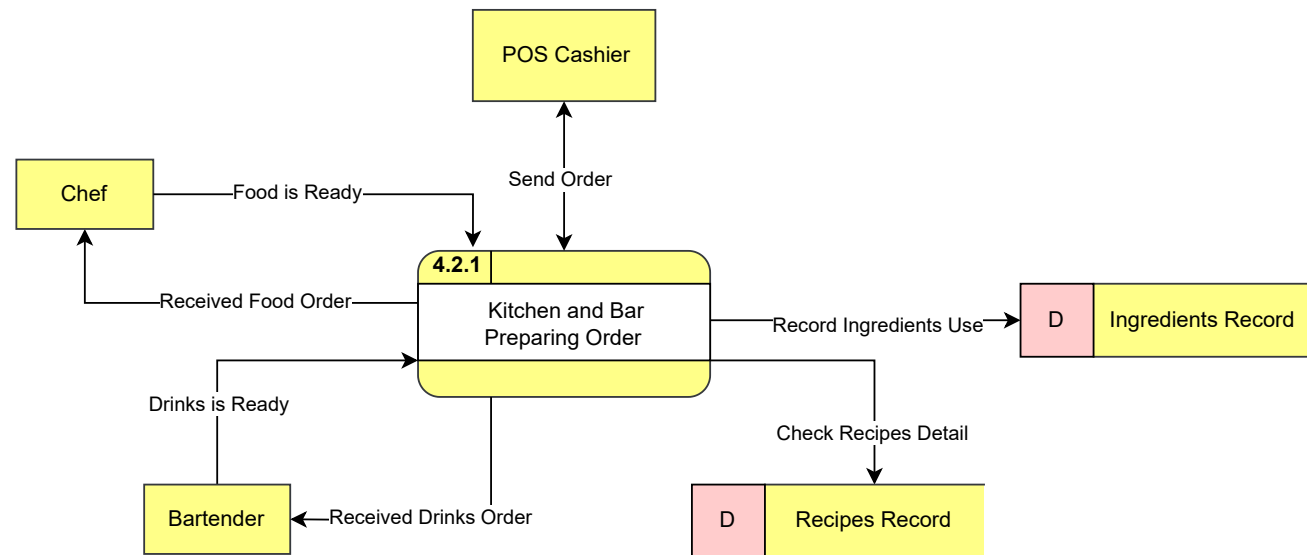
Data Flow Diagram (DFD) Level: 2 - Core Transaction 1



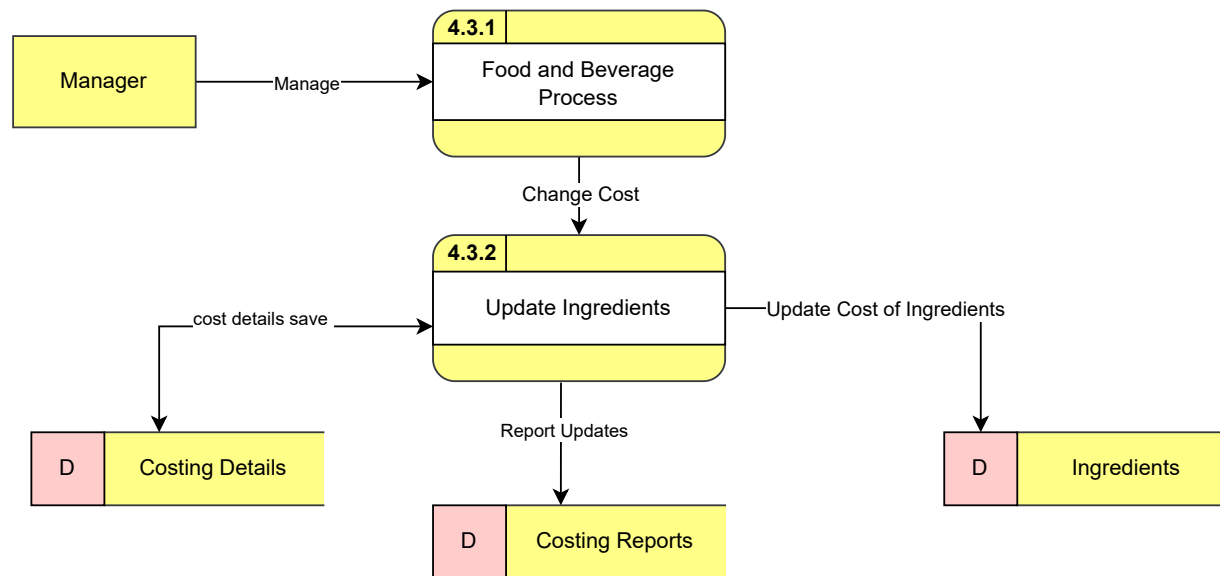
Data Flow Diagram (DFD) Level: 3- Order Management with POS



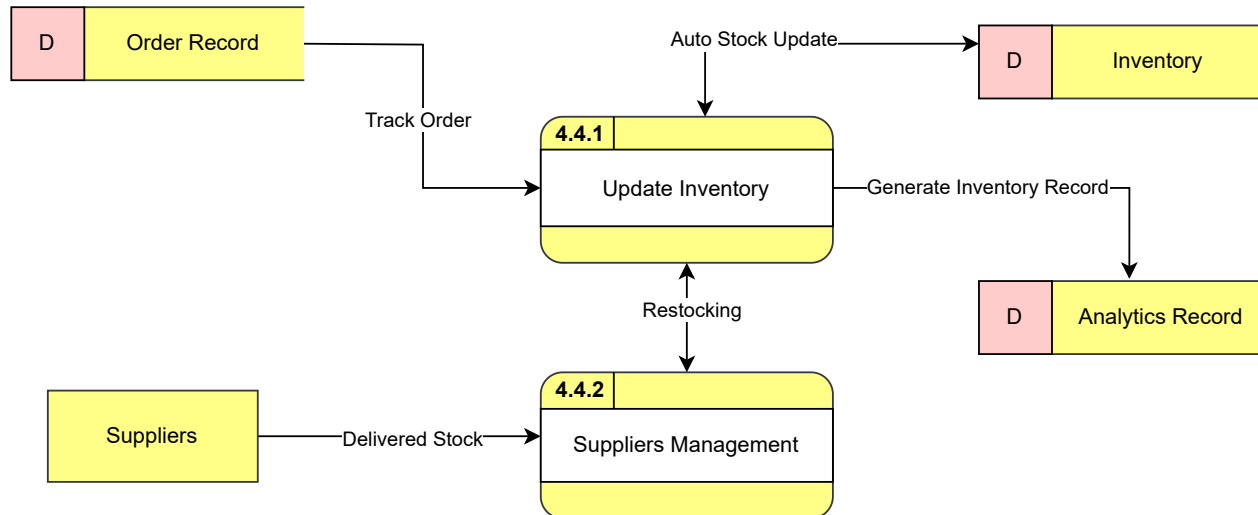
Data Flow Diagram (DFD) Level: 3- Kitchen & Bar Module



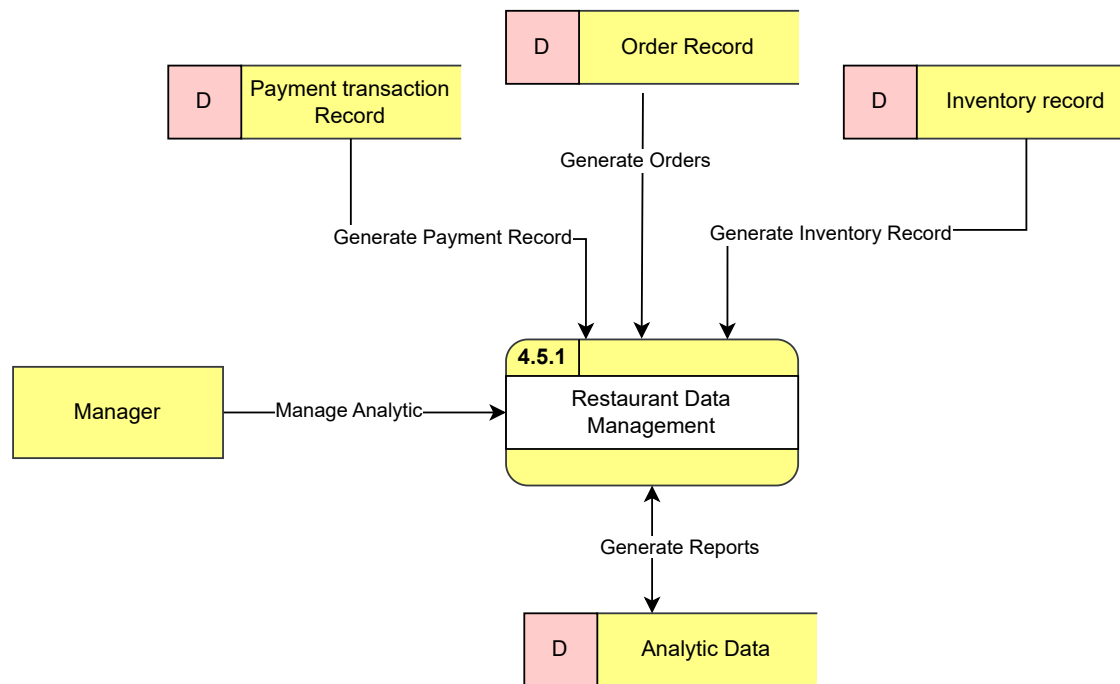
Data Flow Diagram (DFD) Level: 3- Food and Beverage Costing



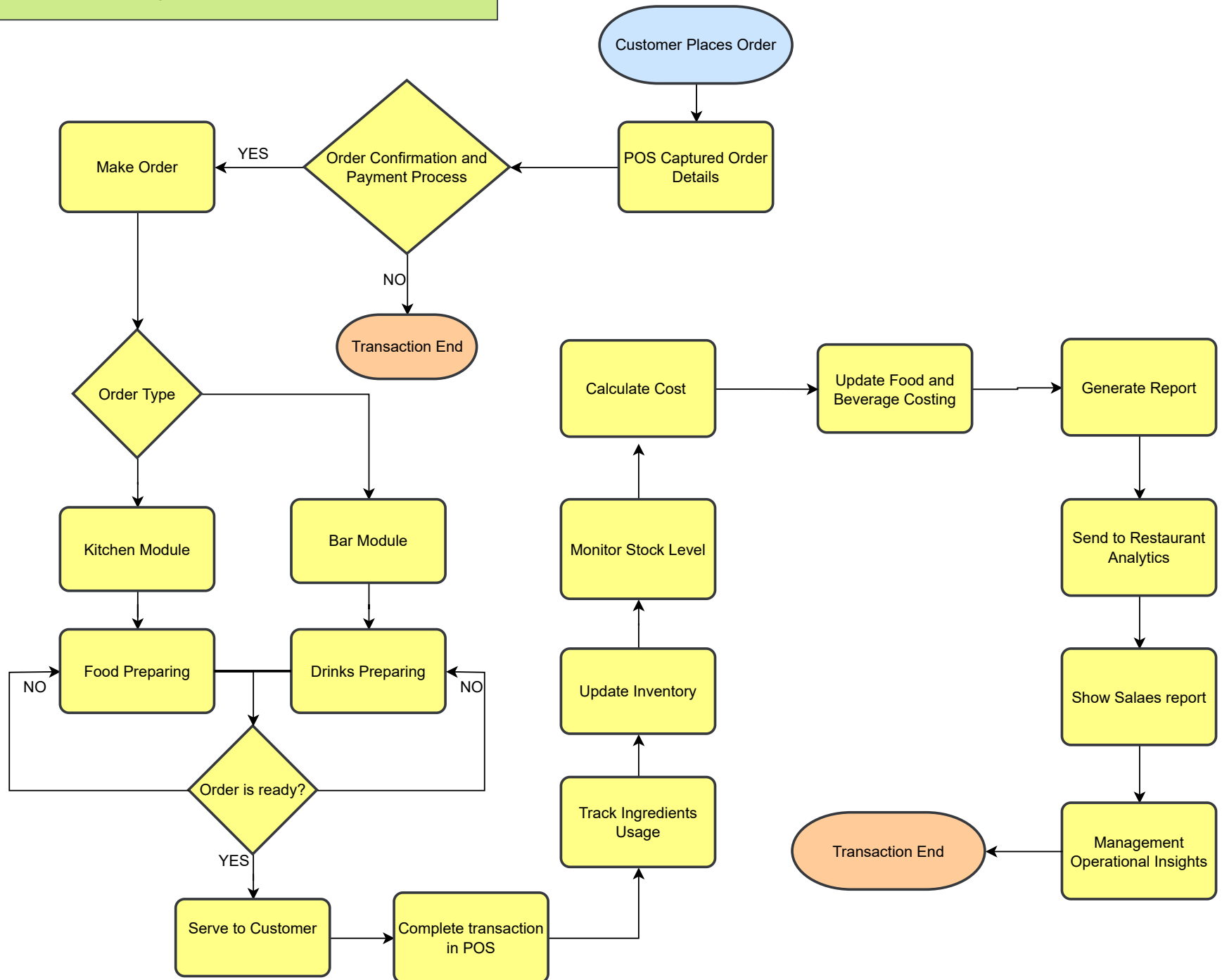
Data Flow Diagram (DFD) Level: 3- Inventory Management System



Data Flow Diagram (DFD) Level: 3- Restaurant Analytic



Work Flow Diagram - Core Transaction 1



ERD - Core Transaction 1

order	
PK	<u>orderid</u>
	orderdate
	totalamount

orderitems	
PK	<u>orderitemid</u>
FK	menuitemid
	menuname
FK	orderid
	orderdate
	totalamount
	quantity
	price

menuitems	
PK	<u>menuitemID</u>
	itemName
	category
	price

Payment_Transaction	
PK	<u>transactionid</u>
FK	orderid
	ordername
	amount
	transactiondate

foodcosting	
PK	<u>costingid</u>
FK	menuitemID
	menuname
	cost

recipes	
PK	<u>recipeid</u>
FK	menuitemid
	itemname
	recipename

ingredients	
PK	<u>ingredientsid</u>
FK	recipeid
	recipename
	ingredientsname
	quantity

inventory	
PK	<u>inventoryid</u>
	itemname
	stocklevel

costingreports	
PK	<u>reportid</u>
	reportdate
	totalcost

menuingredients	
PK	<u>menuingredientsid</u>
FK	ingredientid
	ingredientname
FK	menuitemid
	menuname

Costing_details	
PK	<u>costingdetailid</u>
FK	menuitemid
	menuname
FK	ingredientid
	ingredientname
	cost

reorder_levels	
PK	<u>reorderlevelid</u>
FK	inventoryid
	itemname
stock_movements	
PK	<u>movementid</u>
FK	inventoryid
	itemname
	reorderlevel

customerpreferences	
PK	<u>preferenceid</u>
FK	customerid
	customername
	preferencedetails
populardishes	
PK	<u>dishid</u>
FK	menuitemid
	menuname
	popularityscore
salesreports	
PK	<u>reportid</u>
	reportdate
	totalsales

