

Project Submission 1 | Project Planning-Requirement-Design Sheet

Name: Joshua Ginn

Student ID: 1211002725

Instructions: Answer the following questions to perform the SDLC tasks for the system that you will develop for the project assignment.

1. List the stakeholder(s) for the system (0.5 point)
 - Store Associates/ Managers:
 - Interacting with inventory system with customers specifications.
 - Business Owner/ Executives (Financers)
 - Must be cost effective. Gained \$ > cost of application implementation
 - Customers:
 - Remote inventory search may be invoked at customers home/over the internet
2. List the domain goals for the system (0.5 point)
 - Functions, Accomplishes desired tasks on for agent
 - View shoes available by size
 - View shoes available by location
 - View all colors available in specific sizes
 - Cost effective:
 - Company will increase revenues/efficiency with the use of application, but the cost must be less than they gain from increase efficiency
3. List the business goals for the system (0.5 point)
 - Increase efficiency of store associate locating size/shoe/colors of customer's request
 - Protecting assets (Inventory tracking)
 - Increasing revenues
 - Increased logistics

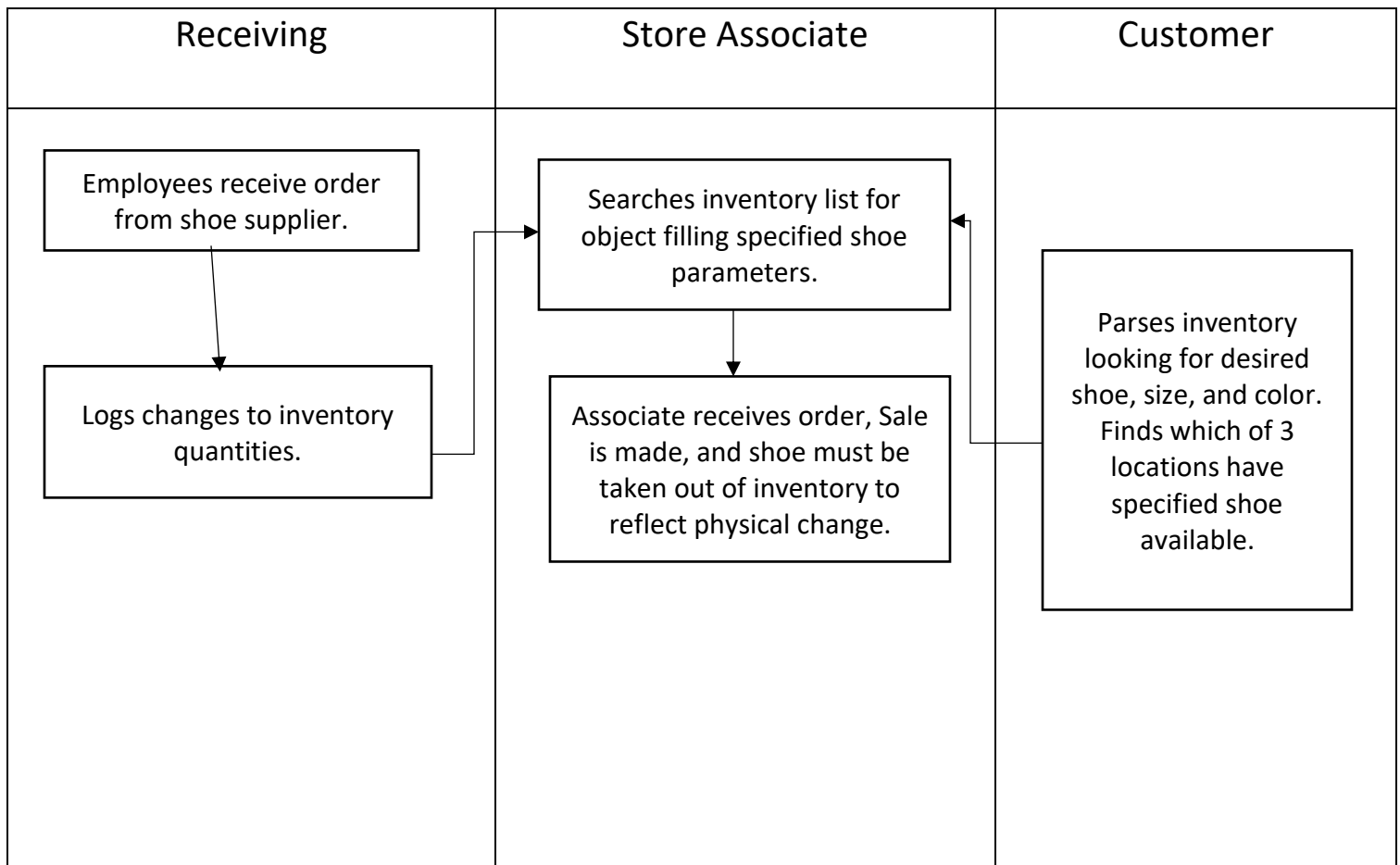
Project Submission 1 | Project Planning-Requirement-Design Sheet

4. Provide the system's requirements model and list all the system requirements below (1 point)

Goals	Stakeholders	Capabilities	Features
Make known to rest of supply chain number of shoes receiving, what location, size, and colors.	Store Associate/ Receiving Dept	Add shoes to Inventory list to be parsed.	Add Shoes
Reflect the change to inventory when shoes are no longer for sale. (After a sale, Defective item)	Store Associate/ Sales	Remove shoes from inventory list to reflect physical inventory presence.	Delete Shoes
Allow efficiency for agents, parse our inventory list using key variable searches (color, size etc)	Store Associates / Customers	Search for specific shoe makes, by brand and by size. Display which of three locations shoe is present at.	Search Shoes

Project Submission 1 | Project Planning-Requirement-Design Sheet

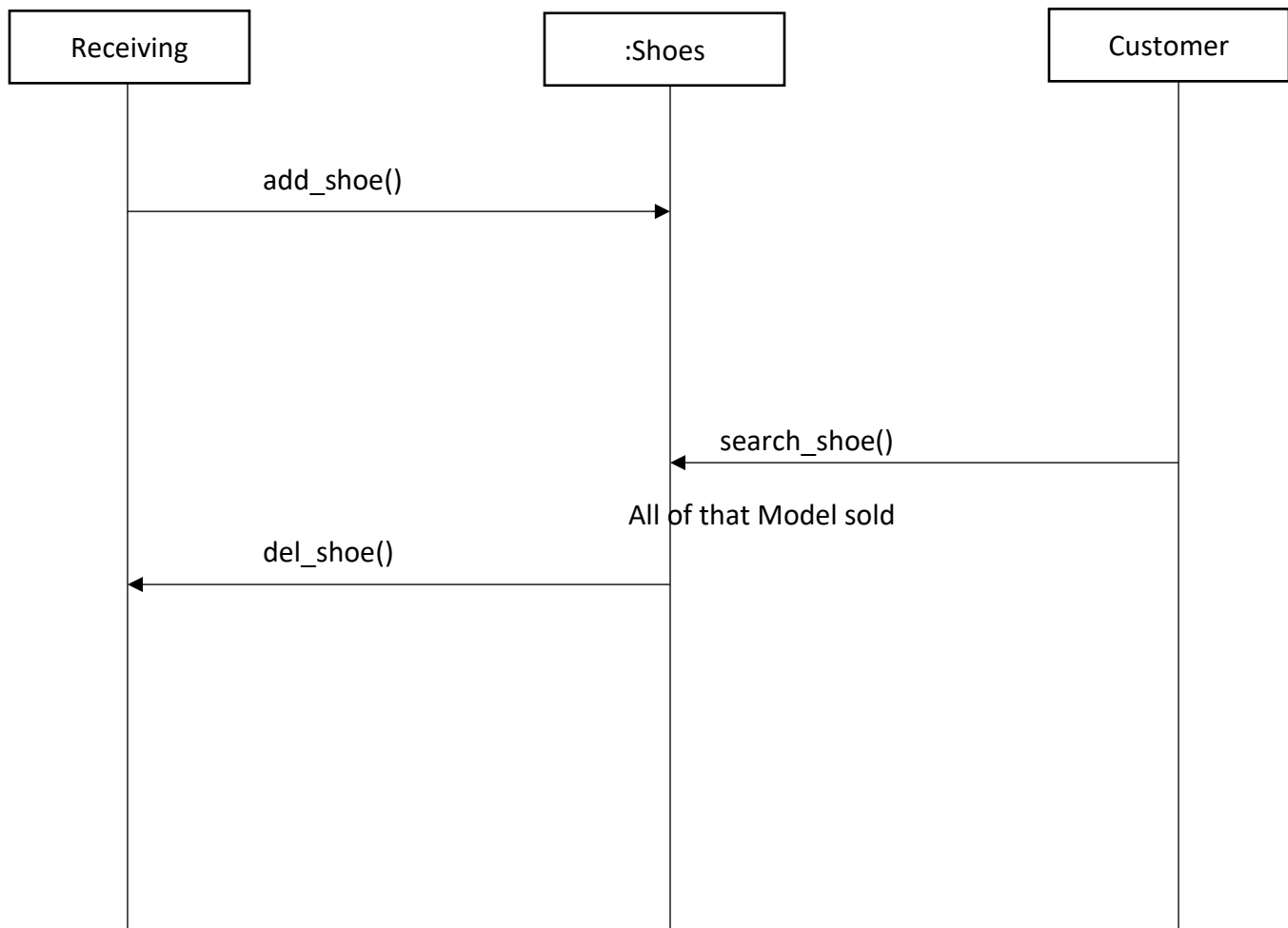
5. Provide the system's Business Process Modeling Notation (BPMN) below (1.5 points)



CIS 345
Business Information Systems Development II

Project Submission 1 | Project Planning-Requirement-Design Sheet

6. Provide the system's sequence diagram below (1.5 points)



Project Submission 1 | Project Planning-Requirement-Design Sheet

7. Provide the system's class diagram below (1.5 point)

Shoe
+ Brand : String + model : String + Color Code : String + Size : float + Location : String
+ add_shoe() : void + del_shoe() : void + search_shoe() : list