

Problem Set 2 – Problem 3 Possible Solutions

Overview

Dear Respectable Software Engineer,

Here at the world renowned Snake Box Factory, we pride ourselves on our ability to deliver the highest quality, custom sized, cardboard boxes to our customers. Our boxes are filled with the highest quality, custom-ordered snakes. We service thousands of accounts worldwide and have a solid 98% satisfaction rating with customers. However, the entire ordering process is currently written on cardboard, which is transported between departments via carrier snake. We thought this would be a good way to show confidence in the quality and usefulness of our product. But as our business continues to grow, we're realizing this was a bad idea. We believe it's time for a more conventional and digitized approach to our operations. Would you be able to help us develop the software we need to make this happen?

*Sincerely,
President George Johnson,
The Snake Box Factory*



Tasks

Read the scenario found in the overview and consider what objects could be modeled as part of creating a software solution. Identify 3 objects from this scenario (remember, objects can be either tangible or abstract. List 3 properties and 3 behaviors belonging to each object.

Possible Solutions

Box

Properties	Behaviors
Length	Open
Width	Close
Height	Deliver
Number of Snakes	Fill
Destination	Empty
Customer/Order Number	
Writing on box	



Snake

Properties	Behaviors
Breed	Hiss
Length	Slither
Age	Bite
Gender	Multiply



Customer

Properties	Behaviors
Order/Order Number	Place Order
Order Date	Cancel Order
Satisfaction rating	Provide Customer Feedback
Name	Pay
Location	



Order

Properties	Behaviors
Number	Place Order
Customer	Ship
Expected delivery date	Cancel
Box	Deliver
Snake Description	
Number of Snakes	

