

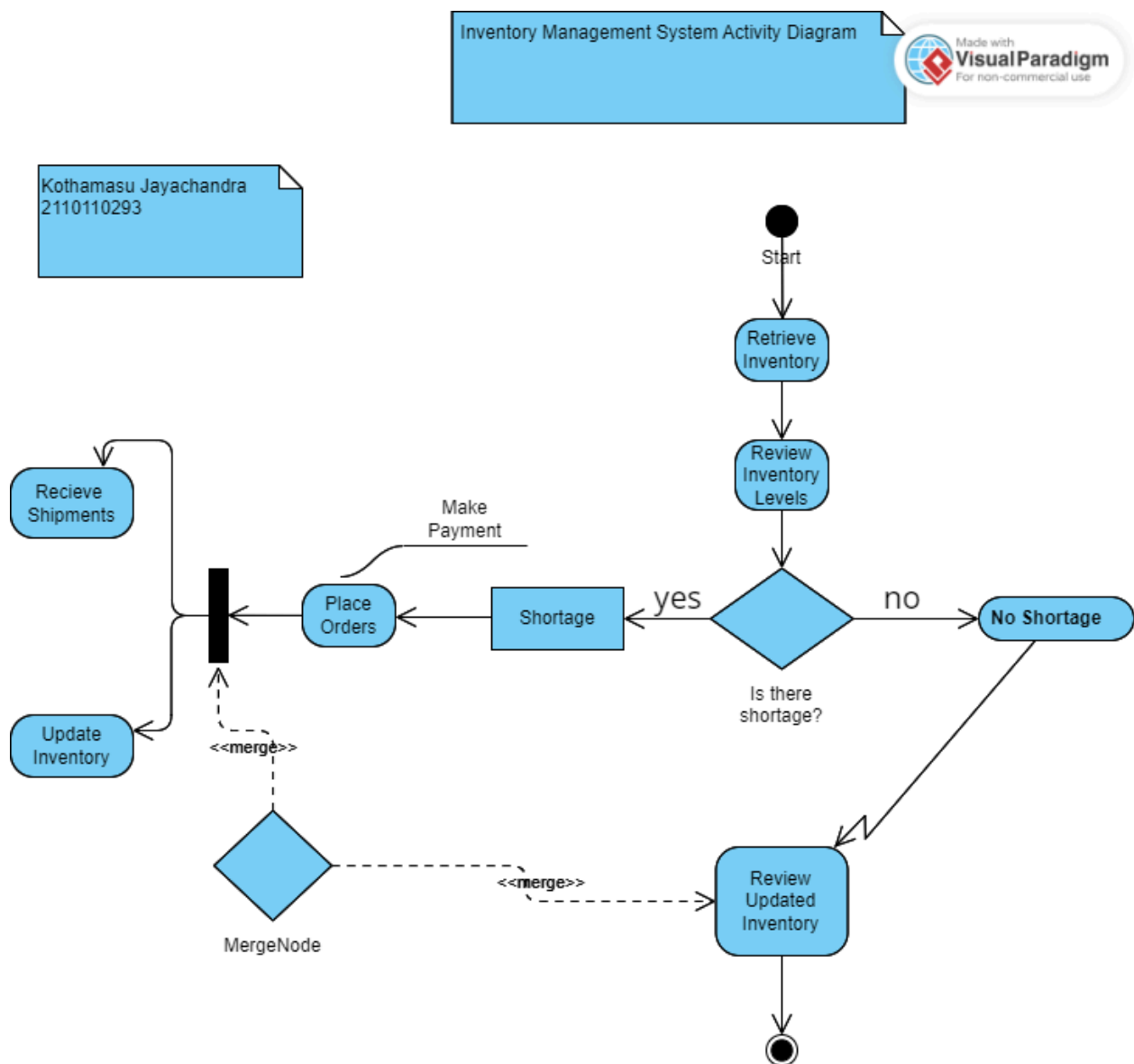
## SE Lab 5

### Activity diagram for Inventory Management System

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GitHub Link :- <https://github.com/Jayachandra5/Lab5>



Link :-

<https://online.visual-paradigm.com/community/share/inventory-management-system-activity-diagram-1nyqzdsktk>

The activity diagram starts with retrieving and reviewing inventory levels. If there is a shortage, the system will place an order. When the order is received, the inventory is updated, and the updated inventory levels are reviewed.

Here are the specific steps involved in the process:

**Retrieve Inventory:** The system retrieves the current inventory levels for all products.

**Review Inventory Levels:** The inventory levels are reviewed to identify any products that are below a predefined reorder point.

**Place Orders (if necessary):** If any products are below the reorder point, the system places an order with the supplier for those products.

**Receive Shipments:** When the order is received from the supplier, the system updates the inventory levels for the received products.

**Ship Products:** When a customer places an order, the system checks to make sure that there is enough inventory on hand to fill the order. If there is enough inventory, the order is shipped to the customer.

**Update Inventory:** The inventory levels are updated to reflect the shipped products.

Review Updated Inventory: The updated inventory levels are reviewed.