

California State University Fullerton

CPSC 462



Object Oriented Software Design Use Case Model for the



High Velocity Sales Technology System

Ryan McDonald
Senior Architect
rtmcdonald96@csu.fullerton.edu

Alexander Frederick
Senior Technical Director
afrederick2@csu.fullerton.edu

Benjamin Baesu
Senior Localization SW Designer
BBaesu@csu.fullerton.edu

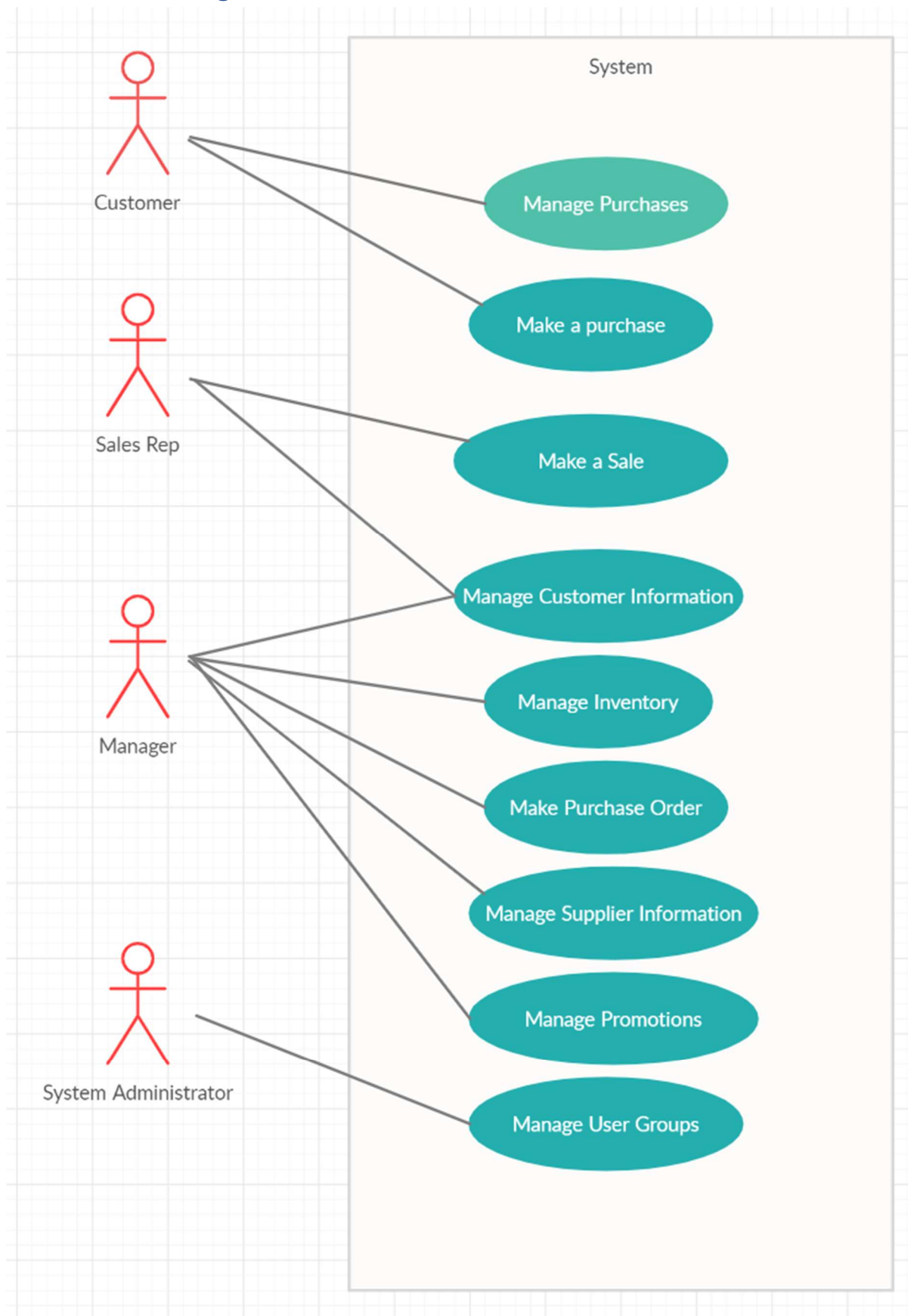
Revision History:

Version	Date	Summary of Changes	Author
1.0	September 28, 2020	<ul style="list-style-type: none">Initial Release	Ryan McDonald Alexander Frederick Benjamin Baesu
1.1	November 9, 2020	<ul style="list-style-type: none">Removed Use Cases that were not a user goalAdded new Use Cases that fit user goalsUpdated Use Case diagram to accurately represent new use cases	Ryan McDonald Alexander Frederick Benjamin Baesu
1.2	December 7, 2020	<ul style="list-style-type: none">No Changes made	Ryan McDonald Alexander Frederick Benjamin Baesu

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1 Use Case Diagram



2 Use Case Brief Descriptions

2.1 Manage Purchases

The system authenticates the user. The user requests to manage purchase history. The system responds with the list of purchases made by the user. The user requests to (repeat purchase/view individual purchase). The system responds with the purchase selected.

2.2 Manage Promotions

The system authenticates the manager. The manager requests to manage active sales promotions. The system responds with the current active promotions. The manager requests to modify(add/edit/remove) the ongoing sales promotions. The system responds with the updated sales promotions.

2.3 Make a purchase

The system authenticates the user. The user requests to make a purchase. The system responds with inventory that is on hand. The user requests the products they wish to purchase. The system presents the total cost with sales taxes included. The user requests to make payment. The system launches the 3rd party payment system. The user makes payment through the external system. The system responds with a purchase receipt with purchase information.

2.4 Manage inventory

The system authenticates the manager. The manager requests to manage inventory. The system responds with a report of all inventory. The manager requests to modify(add/subtract/delete) the current inventory. The system responds with an updated report of the new inventory.

2.5 Manage customer information

The system authenticates the manager. The manager requests to manage customer information. The system responds with a report of current customers. The manager requests to modify (create new/change/delete) customer information. The system responds with an updated report of current customers.

2.6 Make a sale

The system authenticates the sales representative. The sales representative requests to create a new sale. The system responds with the current inventory on hand. The sales representative requests the products for this sale. The system responds with a sales order and billable invoice.

2.7 Make purchase order

The system authenticates the manager. The manager requests to order more inventory. The system responds with a list of products and corresponding suppliers. The manager requests the products they wish to purchase. The system responds with a purchase order for each different supplier.

2.8 Manage supplier information

The system authenticates the manager. The manager requests to view supplier information. The system responds with a list of all current suppliers and their products. The manager requests to modify(create new/change/ delete) the supplier information. The system responds with an updated report of all current suppliers

2.9 Manage user groups

The system authenticates the administrator. The administrator requests to manage authorization levels. The system responds with a report of current users containing their information and their corresponding authorization levels. The administrator requests to modify (delete/add/change) user information. The system responds with an updated report of user information and authorization levels.