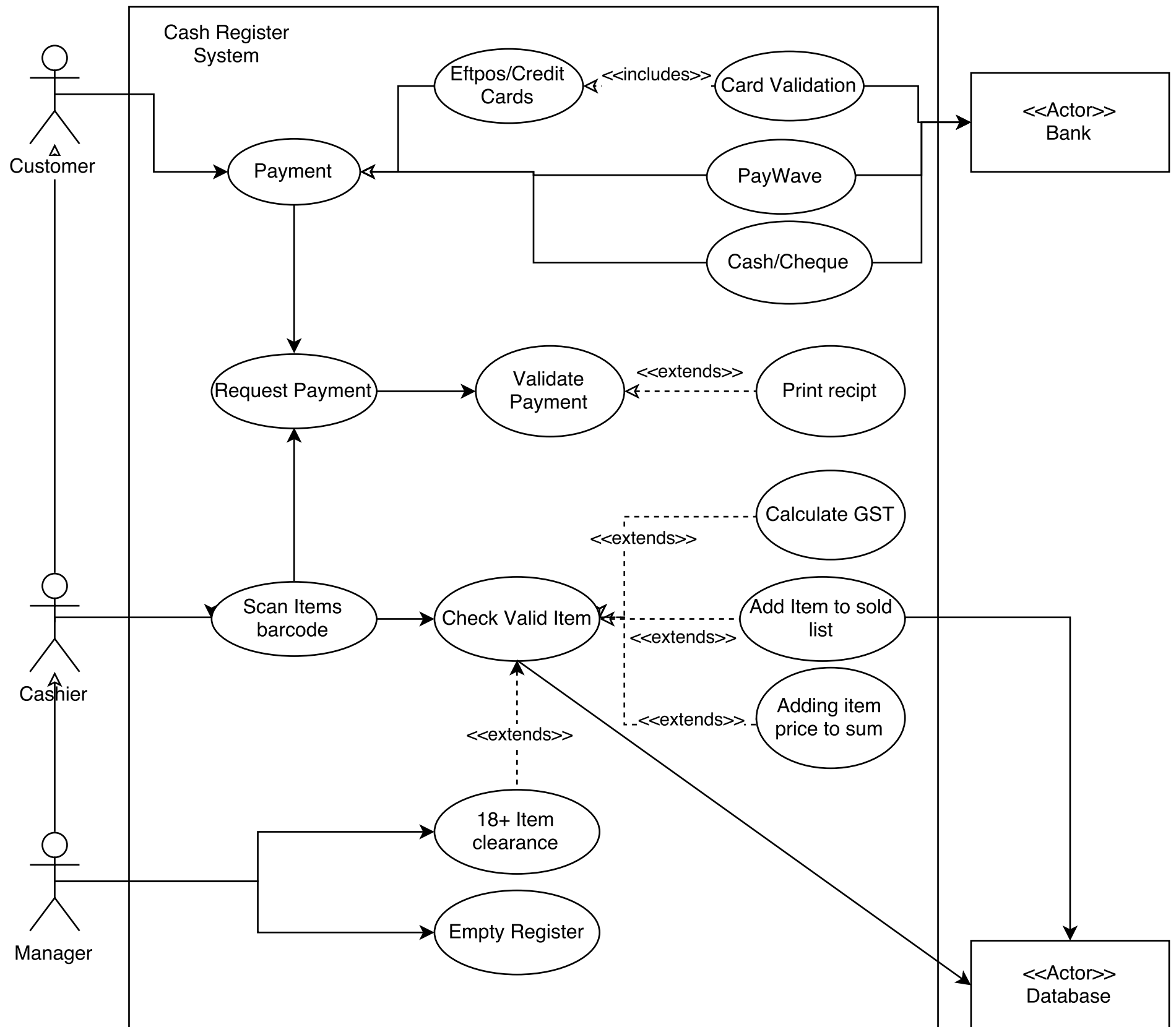


Assignment 1 SWEN223

"Cash Register System"



Notes:

Assumptions:

- Cashier is able to use the cash register as well to purchase goods
- The manager can only authorise 18+ goods
- The manager can only empty the register

Explanations:

For the "calculate GST", "add item to sold list", "adding item price to sum", I made them extend from "check valid item" instead of includes, as i only want these states to be performed when the item being purchased is valid. Same goes for the "18+ item clearance", I extend from "check valid item" because not all items are 18+.

Tool of Choice:

The tool I used to create my UML diagram was "Draw.io", I used it as it already had many of the UML shapes in a set category. Main reason for using this program was for previous experience of using it. Also had a very easy to use interface, and allowed for a lot of customizations.