

ABSTRACT

The present disclosure provides a computerized method item correlation including: receiving an indication of an order comprising at least one item; determining if the order is urgent based on an amount of time remaining until the items must ship to a customer; determining a location of each of a plurality of pickers; iteratively, for items in the order: identifying a picker closest to the item, the picker having a current job priority; correlating the closest picker and the item in a data structure; re-correlating, in the data structure, at least one item previously correlated with the closest picker to an alternate picker in response to the current job priority not being urgent; sending, to a user device of the closest picker, a location and item identifier associated with the item; and storing, in the data structure, a completion flag in correlation with the item upon receipt of an item-complete message.