

Claims

1. A computer-implemented system for auditing delivery completion, the system comprising:
 - a display;
 - a memory storing instructions; and
 - at least one processor configured to execute the instructions to perform steps comprising:
 - receiving an invoice ID of a customer based on a delivery address of the customer from a first database;
 - receiving a delivery completion picture associated with the invoice ID from a second database, wherein the delivery completion picture is of a desired location at the customer delivery address;
 - receiving delivery information from a third database, the delivery information including the desired location at the customer delivery address;
 - generating a delivery information set and a data analytics set based on the invoice ID, the delivery completion picture, and the delivery information;
 - generating a single page user interface including information from the delivery information set and the data analytics set;
 - displaying the single page user interface on the display, wherein the single page user interface comprises:
 - a search criteria view configured with user interface elements to narrow a search in the delivery information set by a user;
 - a delivery view configured to update to display a first list view based on the search in the delivery information set from the user interface elements in the search criteria view, and further update to display an invoice delivery view based on a selection in the first list view by the user; and

a first audit view is configured to update to display an audit history view based on a selection in the invoice delivery view by the user; and

wherein the single page user interface is configured to receive inputs from the user, in the search criteria view, the delivery view, and the first audit view, and update the user interface in response to the received inputs.

2. The system of claim 1, wherein the delivery information set includes at least one of an invoice ID, an order ID, a delivery completion picture, and delivery information.
3. The system of claim 1, wherein the data analytics set includes at least one of a percentage of successful deliveries, a percentage of unsuccessful deliveries, and a total number of completed deliveries by dates.
4. The system of claim 1, wherein at least one of the delivery information set and the data analytics set is dynamically updateable based on at least one of new and revised delivery information, a new invoice ID, and a new delivery completion picture.
5. The system of claim 1, wherein displaying the delivery view includes displaying at least one of a detail invoice delivery view, and a normal list view or a picture focused view.
6. The system of claim 1, wherein displaying the audit view further includes displaying at least one of the audit history view and a detail audit view.
7. The system of claim 1, wherein displaying the search criteria view includes displaying a target search box configured to receive, from a user, an input of at least one invoice ID.

8. The system of claim 5, wherein the picture focused view further enables audit of the delivery completion picture.
9. The system of claim 5, wherein the detailed invoice delivery view further enables audit of the delivery completion picture.
10. A computer-implemented method for delivery completion audit tool, the system comprising:
 - receiving an invoice ID of a customer based on a delivery address of the customer from a first database;
 - receiving a delivery completion picture associated with the invoice ID from a second database, wherein the delivery completion picture is of a desired location at the customer delivery address;
 - receiving delivery information from a third database; the delivery information including the desired location at the customer delivery address;
 - generating a delivery information set and a data analytics set based on the invoice ID, the delivery completion picture, and the delivery information;
 - generating a single page user interface including information from the delivery information set and the data analytics set;
 - displaying the single page user interface on the display, wherein the single page user interface comprises:
 - a search criteria view configured with user interface elements to narrow a search in the delivery information set by a user;
 - a delivery view configured to update to display a first list view based on the search in the delivery information set from the user interface elements in the search criteria view, and further update to display an invoice delivery view based on a selection in the first list view by the user; and
 - a first audit view is configured to update to display an audit history view based on a selection in the invoice delivery view by the user; and

wherein the single page user interface is configured to receive inputs from the user, in the search criteria view, the delivery view, and the first audit view, and update the user interface in response to the received inputs.

11. The method of claim 10, wherein the delivery information set includes at least one of an invoice ID, an order ID, a delivery completion picture, and delivery information.
12. The method of claim 10, wherein the data analytics set includes at least one of a percentage of successful deliveries, a percentage of unsuccessful deliveries, and a total number of completed deliveries by dates.
13. The method of claim 10, wherein at least one of the delivery information set and the data analytics set is dynamically updateable based on at least one of new and revised delivery information, a new invoice ID, and a new delivery completion picture.
14. The method of claim 10, wherein displaying the delivery view includes displaying at least one of a detail invoice delivery view, and a normal list view or a picture focused view.
15. The method of claim 10, wherein displaying the audit view further includes displaying at least one of the audit history view and a detail audit view.
16. The method of claim 10, wherein displaying the search criteria view includes displaying a target search box configured to receive, from a user, an input of at least one invoice ID.
17. The method of claim 14, wherein the picture focused view further enables audit of the delivery completion picture.

18. A computer-implemented system for delivery completion audit tool, the system comprising:
- a memory storing instructions; and
 - at least one processor configured to execute the instructions to perform steps comprising:
 - receiving an invoice ID of a customer based on a delivery address of the customer from a first database;
 - receiving a delivery completion picture associated with the invoice ID from a second database, wherein the delivery completion picture is of a desired location at the customer delivery address;
 - receiving delivery information from a third database, the delivery information including the desired location at the customer delivery address;
 - generating a delivery information set and a data analytics set based on the invoice ID, the delivery completion picture, and the delivery information;
 - generating a single page user interface including information from the delivery information set and the data analytics set;
 - displaying the single page user interface on the display, wherein:
 - the single page user interface comprises:
 - a search criteria view configured with user interface elements to narrow a search in the delivery information set by a user;
 - a delivery view configured to update to display a first list view based on the search in the delivery information set from the user interface elements in the search criteria view, and further update to display an invoice delivery view based on a selection in the first list view by the user; and
 - a first audit view is configured to update to display an audit history view based on a selection in the invoice delivery view by the user;

the search criteria view includes displaying at least a pre-configure menu of the delivery information set;
the delivery view comprises displaying a list view and a detail invoice delivery view;
the list view includes displaying a normal list view or a picture focus view;
displaying the audit view from inputs provided in the detail invoice delivery view; and
wherein the single page user interface is configured to receive inputs from the user, in the search criteria view, the delivery view, and the first audit view, and update the user interface in response to the received inputs.