**I. Main Pages [ no authentication ]**

Anonymous visitors to this web application are first directed to a page having a menu with buttons: Login, Registration, and Contact.

The Login page has a “Back” button in the top right and, in the page body, a form with mandatory text fields for Email and Password and a Submit button. Underneath the form, there is a little space and then a hyperlink to the Registration page with the text: "New to Aporo? Register here!"

The Registration page has a Back button in the top right of the page. In the page body there is a text “Register as?”, some space, and below a menu with buttons: Currier and Vendor. These buttons go to pages for Currier Registration and Vendor Registration.

Both the Currier and Vendor Registration pages have a Back button in the top right of the page and, in the page body, a form with mandatory text fields for First Name, Last Name, Cell Number, Email, Password, and Confirm Password.

The Currier Registration page also has mandatory text fields for Address 1, Address 2 (not mandatory), Zipcode, Emergency Contact Name, and Emergency Contact Number. Additionally, this form will have a drop-down list with options: "-- Payment Method? -- " (default), "Cash", and "Check". Below this drop-down list is a button with inside text "Register" for submitting the form. After submission, the visitor is authorized as a currier user and will proceed to the Currier page.

The Vendor Registration page additionally has a drop-down list with " -- Vendor? -- " (default) and then a list of all Vendor Names. Depending on the Vendor,[[1]](#footnote-1) either

(A) a text box will appear that displays "The owner needs to confirm your registration. A request will be sent to the owner. You will receive a txt upon registration confirmation". Below this text box a button will appear with inside text "Make Request" for submitting the form. The visitor will then be directed back to the Login page.

or

(B) a button will appear with inside text "Register" for submitting the form. After submission, the visitor is recognized as a user with type "Employee" and will proceed to the Vendor page.

**II. DG Pages [ authenticated Currier only]**

The Currier page has a clickable header box in the top-middle of the page, some empty space, and then a menu with buttons: Work Schedule, Check In, History, Settings, Contact Help, and Log Out/Quit.

The clickable header will display the text:

(1) "Check In Now",

(2) "Find Work", or

(3) "Next Check In at:

{hh:mm am/pm} on

{ abbr. day, full month name, date, full year }”

i.e., Next Check In at:

2:00 pm on

Wed., June 25, 2014"

The Work Schedule button directs the currier to the Schedule page, which has a back button on the top right and a scrollable table displayed in middle of the page body with columns: Availability, Day, Time, Area, Pay. This table is also a form. Cells in the Availability column either have (A) a checkable box that is unchecked by default, or have (B) a "Cancel" button. Curriers will check off row(s) for when/where they want to work and then sign up for work by clicking a submit button with inside text "Sign Up Now" located just below the table. The Cancel button allows a currier to disassociate himself with work represented in a particular row.

The Check In button on the Currier page either (A) directs the currier to the Active Currier page, or (B) flashes a Check In Message while remaining on the Currier page. A Check In Message includes one of the following:

1. “No work scheduled.

Please make selection in Work Schedule.”

2. “Next Check In starts at hh:mm am/pm.

Check Work Schedule for other opportunities.”

3. “No work scheduled for today.

Check Work Schedule for other opportunities.”

The History button on the Currier page directs the currier to the History page, which has a back button on the top right and a scrollable table displayed in middle of the page body with columns: Day, Time, Area, Orders, Pay.

The Change Registration button on the Currier page directs the currier to the Currier Registration page, where the form is filled in with all current values. The currier returns back to the Currier page upon submitting the form or using the Back button.

The Active Currier page, which becomes the currier’s main page upon successful Check In, has a non-clickable header at the top-middle of the page, some empty space, and then a menu with buttons: Check Package, Get Orders / Update Location, Schedule Break, and Check Out.

When the Active Currier page is loading, it receives a table ("Location Table") of all the currier's orders (“Orders”). This Location Table remains hidden on the Active Currier page, however, the first row is used to populate the non-clickable header with the currier's next destination as well as when the currier is expected to arrive. If the currier's expected arrival time has passed, the time will be shown in red font.

The first button on the Active Currier page, the Check Package button, directs the currier to the Call In Order page or the Web Order page depending on type of order to be checked at the current location. The Call In Order page has a form to receive and submit an Order Tag. The Web Order page uses a QR scan to receive and submit an Order Id. If either Order Tag or Order Id are consistent with any row in the Location Table, then the currier is directed to the Handle Order page, else an alert "Invalid Package" is displayed with the options Try Again or Cancel. Try Again triggers the Check Package button; Cancel directs the currier to the Active Currier page.

The Handle Order page receives an Order associated with the Location Table. If the Order has not been picked up (i.e., pickup\_time is null), then Order.pickup\_time is updated with the current time and the currier is directed back to the Active Currier page. Else, if the Order has been picked up, then appears a form for Order Price and Order Tip, and upon submission, Order.deliv\_time is updated with the current time. Handle Order also receives an updated Location Table. After successful submission of the Price/Tip form, if either Order.tag or Order.id are consistent with any row in the updated Location Table, then Check Package option is triggered, else the currier is directed to the Active Currier page.

Get Orders / Update Location

Schedule Break

Check Out.

**III. Vendor Pages [ authenticated Vendor only ]**

The Vendor page

1. Depends on Boolean for users\_self\_reg. [↑](#footnote-ref-1)