

User Stories Internal Tooling.



Background Information

The internal tool for the CBLMTD has two subsystems which needs to develop and tested thoroughly.

1. Administrator Management Dashboard
2. Vendor Management Dashboard

User Stories Template: As a <role>, I want/need to do <action> so that <benefit>



Vendor / Store Management Dashboard.

User Stories	Acceptance Criteria
 As a vendor I need to register for new account so that I can join the carry bags network.	<ul style="list-style-type: none">· System must perform all validation checks and register the vendor with an unverified account state.· The unverified users must be visible on the administrator dashboard, and only upon approval from the administrator can the actions be performed on the vendor dashboard.
 As a vendor I need to login into the administrator dashboard so I can manage orders.	<ul style="list-style-type: none">· Correct credentials must allow the administrator to access the dashboard.· In correct credentials must provide the appropriate error login message.

<input type="checkbox"/> As a vendor I need to select forget password option so that I can rederive information.	<ul style="list-style-type: none"> · The system must send the reset password email to both the store email and the rep email. · Once the link is pressed, it must allow the system to be accept new password and change it for the vendor.
<input type="checkbox"/> As a vendor I need to generate the QRCode for new order so user can complete transaction in the application.	<ul style="list-style-type: none"> · Once all the order details are filled and the order is generated in the form of QRCode. · QRCode must contain the information.
<input type="checkbox"/> As a vendor I need to search from the order history so that I can view the details.	<ul style="list-style-type: none"> · Once the order id is entered into the system, the system presents all the details about the order including the schema details. · If the order has been cancelled or deleted the history record must contain the relevant information (Soft delete Operation).
<input type="checkbox"/> As a vendor I need to cancel the existing order so that QRCode is not valid.	<ul style="list-style-type: none"> · Once the active order is selected the vendor can click on the cancel order button if the user did not pay for the order. · Canceled order will be deleted from the dashboards and will no longer be operational.
<input type="checkbox"/> As a vendor I need to update the existing order details so that customers can make changes to service plan types.	<ul style="list-style-type: none"> · Vendors can search the order with the order identifier and visit the order details. · Vendors can only make the changes to number of bags and service types only if the order has not been paid yet. · Any invalid order search must be handled properly.

<input data-bbox="153 215 195 248" type="checkbox"/> As a vendor I can upload the store logo and images to the dashboard.	<ul style="list-style-type: none">· In the profile setting page the vendors can upload multiple store images and a single logo file.· Images stored on the dashboards must be resized to the standard size as different vendors might have different resolutions.
<input data-bbox="153 457 195 490" type="checkbox"/> As a vendor I can contact the CBLMTD support team so that they can process orders.	<ul style="list-style-type: none">· The vendor's dashboards must also contain a form to connect the query to the support@wecarrybags.co.uk with form submission.

Entity Model Schema

<p>Order Schema</p> 	<ol style="list-style-type: none"> 1. Order Identifier (Unique) : UUID 2. Service Type : ["Normal", "Express", "Day Pass"] ~ <i>Disable day pass for now.</i> 3. Store Information – name, address, and store identifier: String 4. Service Price : Double. 5. Number of Bags : Integer [Note: Validation check cannot be 0] 6. Employee ID / E.name (optional) 7. Order Date. 8. is Paid : Boolean – False for QRCode – isPaid is only part of the schema and not dashboard 9. Payment Confirmation: String – Empty for QRCode. 10. Order Status : ["Packaged", "Out for delivery", "delivered"] 11. Logistic Confirmation Number – Empty for QRCode. 12. Logistic Company Provider - Empty for QRCode. 13. Customer Identifier (Unique) - Empty for QRCode.
<p>Store / Vendor Schema</p> 	<ol style="list-style-type: none"> 1. Store Identifier (Unique) 2. Store logo: Needs to be stored in multiple dimensions even when uploaded in different sizes. 3. Store Images: [URL] (Optional) 4. Store Name. 5. Store Location. [From the address, deduce the location coordinates] 6. Product Categories: needs to be fixed. [""] 7. Best Seller Items: Maximum 5 Items [Item contains an image and description of an item]. 8. Management Email: [Unique String] 9. Management Password. [Validation Checks to ensure safe password]. 10. Store Representative Name 11. Store Representative Email 12. Store Representative Phone Number 13. Store Notes : [String] / Description 14. Store Operational Hours: Example 10 am – 8 pm Monday – Friday & 9 am – 8 pm Sat – Sun.



1. Decompose the address field into the sub-attributes such as country, postal code, line 1 address and line 2 address.
2. Stores and vendors in the document are used interchangeably.
3. Pred Cond: For all the operations to be carried out, the vendors must be approved from the administrator dashboards.

Administrator Dashboard

User Stories	Acceptance Criteria
<p>As an administrator, I can log in to the dashboard to manage multiple activities.</p> <p><input type="checkbox"/></p>	<ul style="list-style-type: none">· Administrator can provide the correct credentials, log in using Firebase Email Auth and provide access to the administrator dashboard.· Wrong credential information should display the appropriate error message to be displayed.
<p>As an administrator, I can view all the pending store/vendor approval requests to process the request.</p> <p><input type="checkbox"/></p>	<ul style="list-style-type: none">· The dashboard store navigation page must contain a filter to toggle between the pending and approved store.· In the pending store section, the administrator must see all the pending store requests based on the dates.
<p>As an administrator, I can view all the approved stores/vendors to perform operations.</p> <p><input type="checkbox"/></p>	<ul style="list-style-type: none">· In the pending store's section, the administrator must see all the pending store requests based on the dates and approve the request.
<p>As an administrator, I can view all the paid & pending order details so that I can process them for the customers.</p> <p><input type="checkbox"/></p>	<ul style="list-style-type: none">· In the dashboard order navigation section, the administrator must view all the pending and paid orders – pending orders are those which need to be delivered.

As an administrator, I can update the order details so that logistics company and logistics company details can be added.	<ul style="list-style-type: none"> · In the administrator dashboard, the administrator can search the order and click to view all the details to view the order summary and current status.
As an administrator, I can view order details with customer identifiers to discover order delivery.	<ul style="list-style-type: none"> · In the administrator dashboard, the admins can view all order details by searching the customer ID. <p>Note: Creation of the users will be performed from the application for the scope of the administrator dashboard, query on the orders with the customer ID as mentioned in the schema in this document in the above section.</p>
As an administrator, I can view order details with store identifiers to discover order delivery.	<ul style="list-style-type: none"> · In the administrator dashboard, the admins can search for the store. · View all the orders and order-related details as per the schema definition.
As an administrator, I can manually disable the vendor's account.	<ul style="list-style-type: none"> · In the administrator dashboard vendor account can be disabled by the administrator which ensures that no order or login activity can be performed for the vendor.
As an administrator, I can update the order delivery status and expected time so customers can view all the details.	<ul style="list-style-type: none"> · Given: the administrator is already logged into the admin dashboard. · When: The order is not in the delivered state. · Then: the administrator can update the order delivery status. <p>PRE-Conditions: The order has not been completed yet.</p> <p>TODO:</p> <ol style="list-style-type: none"> 1. Administrator can change the delivery status [check the link in the notes]. 2. Administrator can also change the expected delivery time for incomplete orders. <p>NOTE: Check the link for more details https://drive.google.com/file/d/14vZjG1kffONR7tmNapq8YIRFYiYMaOZf/view?usp=share_link</p>
As an administrator, I can generate the order summary for a customer so that it can be sent to the customer.	<ul style="list-style-type: none"> · Given: the administrator is already logged into the admin dashboard. · When: the administrator search for the customer's completed order history. · Then: the administrator can generate the invoice from the dashboard.

	<p>TODO:</p> <ol style="list-style-type: none"> 3. Generate the invoice in PDF format and click on the send button to send it to the user's registered email. 4. Any Error must be appropriately displayed to the console, such as an invalid email or connection problem.
As an administrator, I can change or update the vendor's account information, including the password, to provide account recovery.	<ul style="list-style-type: none"> · Given: the administrator is already logged into the admin dashboard. · When: the administrator searches for the vendor details · Then: the administrator can update the account information. <p>TODO:</p> <ol style="list-style-type: none"> 1. Allow the administrator to search and view the vendor information. 2. Change the vendor details, including the profile information change and the password. 3. Information change must be logged, including the last date and time changes in the firebase.