Release Summary

RetailGo - Team RetailGo, 12/14/2023

1.1 Patch notes
 List fixd bugs

Key User Stories / Acceptance Criteria:

- As an owner or employee, I want to be able to see, upload or delete items from my inventory so I can manage my inventory
  - ☑ Owner or Employee can see items on inventory view
  - ☑ Owner or Employee can edit item name on inventory view
  - ☑ Owner or Employee can edit item quantity on inventory view
  - ☑ Owner or Employee can edit item price on inventory view
  - ☑ Owner or Employee can edit item category on inventory view
  - ☑ Owner or Employee can delete items on inventory view
  - ☑ Owner or Employee can create new items with existing categories on inventory view
  - ☑ Owner or Employee can create new items with new categories on inventory view
- As an employee, I want to be able to process customer transactions to handle sales.
  - ☑ Employee can add items to shopping cart
  - ☑ Employee can process transaction for an item and see item quantity updated upon transaction
  - ☑ Customer can provide card details
  - ☑ Customer loses money on transaction + owner gains money on transaction (cannot be verified due to Design Shortcut)
- As an owner, I want to be able to manage my employees and ensure authorized access.
  - ☑ Owner can see employees from their store.
  - ☑ Owner can create employees from their store
  - ☑ Owners can send invites to new employees, new employees receive invite links and are able to log in to the store upon clicking them.
  - ☑ Owner can delete employees from their store
  - ☑ Owner can edit employee details from their store
  - ☑ Employees added via invite link have access to inventory and point-of-sales views, and only those views.
- As an owner, I want to see recommendations of what products to stock based on other businesses so I can sell more profitable but on-brand products. [Sprint 4]
  - ☑ Owner can see recommended products on their dashboard view that are relevant to their current inventory.

Known Problems:

Invite Page:

- Frontend
  - If not signed in clerk sign in page doesn't redirect back to the invite page after signing in/up
  - You can click accept multiple times and it wil register multiple times for the same store
  - Decline invitation doesn't do anything it should redirect to home page [#367](#)
- Backend
  - Clerk metadata doesn't reload properly sometimes causing no stores to appear after redirect

Register store page:

- Creating Store- The user object created when the store is created does not have a first name or last name [#330](#)
- Register Store page: on dark mode input text doesn't appear [#366](#)

Store Pages:

- Other store pages are accessible. If you know the id of another store you can go to their data [#250](#)

Employee

- Frontend
  - If you delete yourself from a store you still have access to data [#363](#)
  - Employee Edit: Last name is not required yet it is on the edit dialog [#365](#)
- Backend

Inventory

- Frontend
  - Can access other store's Inventory page
  - No success message for creating an item
- Backend
  - Clients can access items from another store if they know the item id because the routes are not currently protected.

POS
- ○ Frontend
  - ■ Clients are unable to access POS if there are no items to display -> need to add guard for item existence after fetching data from Backend
  - ■ POS: You can buy more than the allotted quantity [#381](#)
- ○ Backend:
  - ■ Overbuying an item gives a negative quantity [#382](#)

Omissions:

- No customizability was implemented on the Point-Of-Sales page. This was a part of a prominent user story to begin with, but we quickly realized that there were few ways to really do this. This was too vague to execute on, so though we worked on this periodically and spent time attempting to design these, we decided not to go ahead with this feature.

- Analytics. This was also prominent before, but once we began to see how much longer most of our tasks took than expected, we decided to ax this user story in favor of a more unique one: the recommender system.

- Employee Management: We had planned on implementing a robust permission system for our platform to manage smaller employees but unfortunately it had to be removed from this release. The permission system which was in our MVP has been completed but extending the functionality is to be implemented.

- Dashboard/Recommender System: This was an important user story for our project, but is unfortunately incomplete as of now. Most work has been completed for this (1/3 of backend components have been implemented correctly, and one component's bugs identified and another's fixed since the release), but frontend changes and integration are still missing. We intend to complete this user story before our demo to the class.
  - Backend scheduled job that synchronizes items between our database and our vector database Weaviate (remaining ⅓) does not currently work. The error has been diagnosed (error in the type expected by our FastAPI server that creates and processes vectors), and will be shortly fixed.

Design Shortcuts: