**Sprint 4 Report:**

Product: RetailGo

Team: The RetailGo Team

Date: 12/05

• **Actions to stop doing:**  *We should stop making sweeping changes without performing a full test of the system.*

• **Actions to start doing:** *Implementing Front-End unit testing so we don't end up in a situation where a continuous session of commits breaks the system without us knowing where.*

• **Actions to keep doing:** *This sprint we engaged in a lot of collaborative programming which greatly increased productivity and eased the integration process.*

### **Work completed/not completed:**

***User Story 1:*** As an employee, I want to be able to process client transactions in the store, so I can process sales. (Not Complete)

* Owner: Can choose permission level for each employee
  + - Owner: Can edit permission level for each employee
    - Owner: Can access all pages and perform CRUD on each page.
    - Employee: Can access all pages that are allowed as per owner (for levels 0, 1, 2)
    - Employee: Cannot access any pages that are not allowed as per owner (For level 0)
    - Employee: Cannot perform edit if not allowed (level 1)
    - Owner: Can add/update/see/delete employees

**User Story 2:** As an owner, I want to better understand my store sales and stocks, so that I can improve sales. (Not Complete)

* + Create Image Upload (10)
  + Implement content-based filtering recommendation engine (20)
  + DoD:
    - Can see relevant recommendations of products to sell contextualized by my store and products.

***Extra Tasks (Infrastructure/Not aligned with an individual user story):***   
 Stripe Frontend (alt pages for Success/Fail) (2)

* + Get it ready for multiple stores (store registration needs to be integrated with all phases of using RetailGo) (Complete)
  + Complete Employee Backend Integration (5)
  + POS Integration (for loading items) (5)
  + Unit Testing (5)
  + Backend Documentation (Complete)
  + Backend Refactor (Complete)
  + Cleck Metadata(Complete)

• Work completion rate:

**Total number of user stories completed during the sprint:** 0

**Total number of estimated ideal work hours completed during the sprint:** 109.

**Total number of days during the sprint:** 14

**For the previous sprint, the user stories/day**: **:** 0.07\*.

**And ideal work hours/day:** 7.57

**Average user stories/day** 0

**Average ideal work hours/day:** 7.78571429

