

Sprint 1 Plan - RetailGo - 10/20/23

Goal: Set up store registration, authentication, and inventory interface for RetailGo.

Task listing:

- **User Story 1:** As an owner, I want to register my store so I can manage my store from my computer.
 - Architecture Design (4)
 - Signup/in page design (1)
 - Implement signup/in UI (5)
 - Implement authentication/account creation to preserve registration of store for future logins. (4)
 - Design RetailGo Database (3)
 - **Total: 17 hours**

- **User Story 2:** As an Owner I want to be able to upload or delete items from my inventory.
 - Inventory UI design (1)
 - Implement UI for viewing inventory; simple grid view of inventory items (5)
 - Implement inventory-related CRUD operations for authenticated users (5)
 - **Total: 16 hours**

- **User Story 3:** As an employee, I want to be able to view the inventory to manage stock levels on shift.
 - Reflect Read permission of employee on UI (1)
 - Add Read Inventory Route in Golang Backend (1)
 - **Total: 2 hours**

Team Roles:

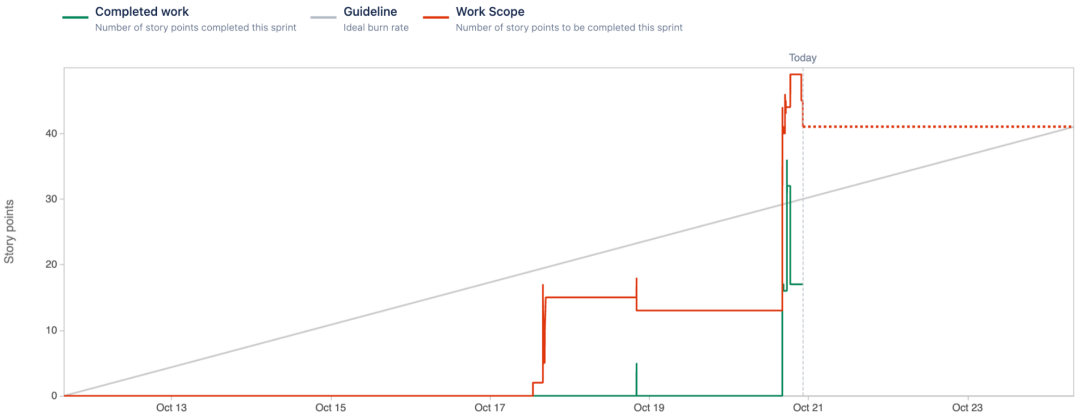
- David Nguyen -> Developer
- Apramay Singh -> Developer & Product Owner
- Jonathan Michel -> Developer
- Leo Asatoorian -> Developer & Scrum Master
- Giridhar Vadhul -> Developer
- Colby Frey -> Developer

Initial Task Assignment:

- David Nguyen - (User Story 1) Clerk authentication for signin/signup
- Apramay Singh -> (User Story 1) Architecture Design
- Jonathan Michel -> (User Story 1) Backend Database Design
- Leo Asatoorian -> (User Story 2) UI/UX: Inventory Page Design
- Giridhar Vadhul -> (User Story 2) CR routes
- Colby Frey -> (User Story 2) Inventory Interface Frontend

Initial burnup chart - Sprint 1

Date - October 11th, 2023 - October 24th, 2023



Initial scrum board

TO DO 2

Frontend: Login Page ->
Buttons for each of the user
type -> "Store-owner" button
should lead to a form for
registering a store

RG-1 5 LA

Backend: CR operations for
/inventory with Go-Chi

RG-10 5 GV

IN PROGRESS 5

Backend: Database Design

RG-8 3 J

Frontend: Inventory page -> A
simple grid view of all items

RG-2 5 CF

Backend: Sqlc + go-migrate +
infra setup

RG-9 3 AS

Backend UD operations for
/inventory with Go-Chi

RG-14 5 J

Backend: Clerk Auth
Middleware

RG-21 2 AS

DONE 7 ✓

UI/UX: Inventory Page Design

RG-7 ✓ 1 LA

UI/UX: Login Page Design

RG-6 ✓ 1 GV

UI/UX: Homepage

RG-15 ✓ 4 DN

Architecture Design

RG-18 ✓ 4 AS

Frontend: RetailGo Homepage

RG-19 ✓ 4 DN

UI/UX: Logo Design

RG-5 ✓ 1 AS

Frontend: Setup Clerk Auth

RG-20 ✓ 2 DN

Scrum Times:

- Monday -> 4-6pm -> TA tutor visit
- Thursday -> 4-5pm
- Saturday -> 2-3pm