

List of required tasks for Iteration 2:

- Add a Sort/Filter Products function (Priority: 20)

While this may not be as critical as the functions that have a priority level of 10, the sort and filter function is very critical for making the interface more user-friendly. Another reason why we gave this a priority of 20 was that this was a required feature you requested.

- Implement a Login Feature (Priority: 30)

We gave this a medium-level priority since security is very important, but the system can still function temporarily without user login.

- Add an Overview of Inventory Function (Priority: 10)

Keeping track of inventory is very crucial for the business. This feature has the highest level of priority since, without an accurate inventory, users won't know what is available

- Inventory Purchase function (Priority: 50)

We assigned the lowest level of priority because it was specified to be an additional feature and was not required for the initial phase

Are you satisfied with the list of tasks that have been planned for this iteration?

Velocity Calculation:

"Our team of 5 engineers are working on 10 working day iterations (2 weeks) and are working at a velocity of 0.80."

Calculation : $5 \times 10 \times 0.80 = 40$ days

Iteration 1 retrospective

What went well?

- The implementation of the basic inventory tracking system was successful
- The team worked very well together, supporting others when they were behind
- Currently on schedule to finish all four iterations on time

What can be improved?

- Clarifying requirements early by involving the customer more in the planning phase
- Testing was a bit rushed due to a lack of time management

What are some challenges? How do we address them?

- Testing code was our biggest challenge. A way we can address this is by assigning a dedicated testing phase before each demo/meeting
- There were some challenges with managing task dependencies, such as situations where one task couldn't be completed until the other was completed. We can address this by rescheduling and swapping out the tasks that aren't needed right away with the ones that are required to move on