

Stock Counting

(Progressive Web Apps)

*Henry
Hong*

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1



Purpose

2



Tech Stack

- Current Industry status
- Customer Needs
- Project Goal

3



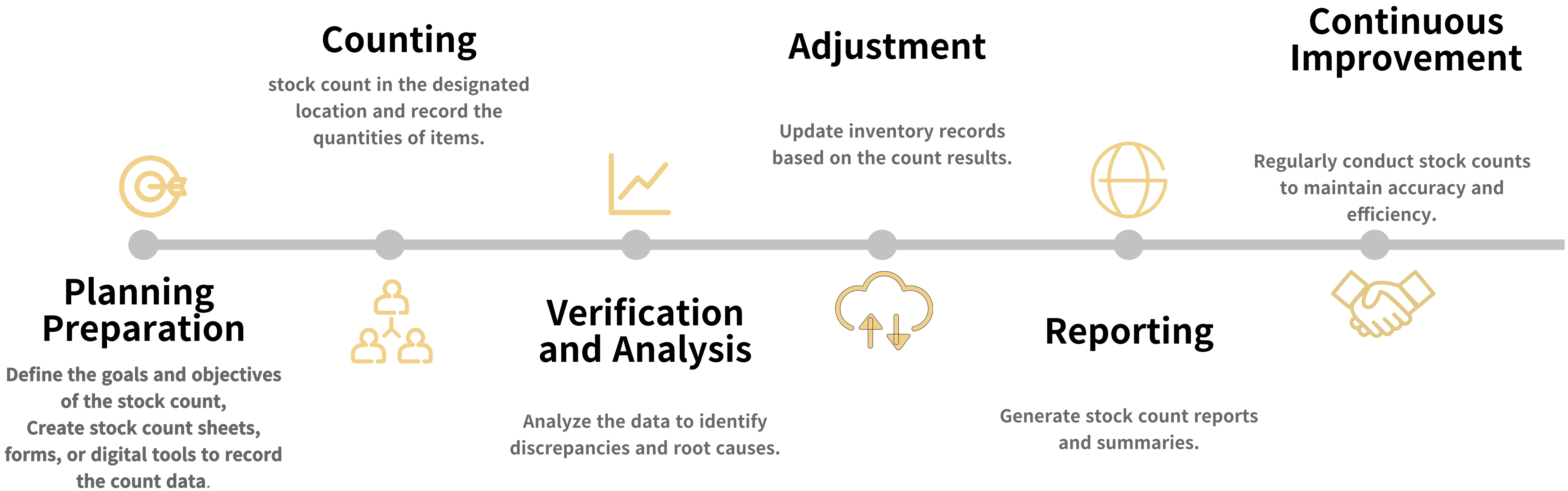
User Experience (UX) Design

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1 Purpose & Requirements

Purpose

A stock counting app's purpose is to streamline inventory management, ensuring accurate stock tracking and reducing errors. These apps provide real-time visibility, simplify compliance, and improvement

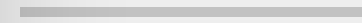
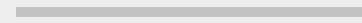
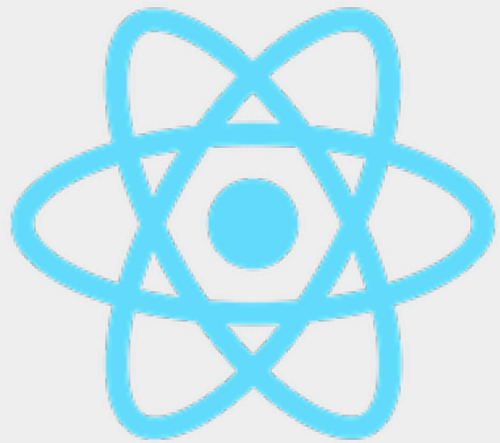


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2 Tech Stack

Tech Stack

Front End



- SPA - Light, Quick
- Html5_Barcode : barcode scanner
- DaisyUI, Tailwindcss : component UI, responsive design

- SQL , CSV
- Real-time CRUD
- Easy to Share

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3 User Experience (UX)

User Stories

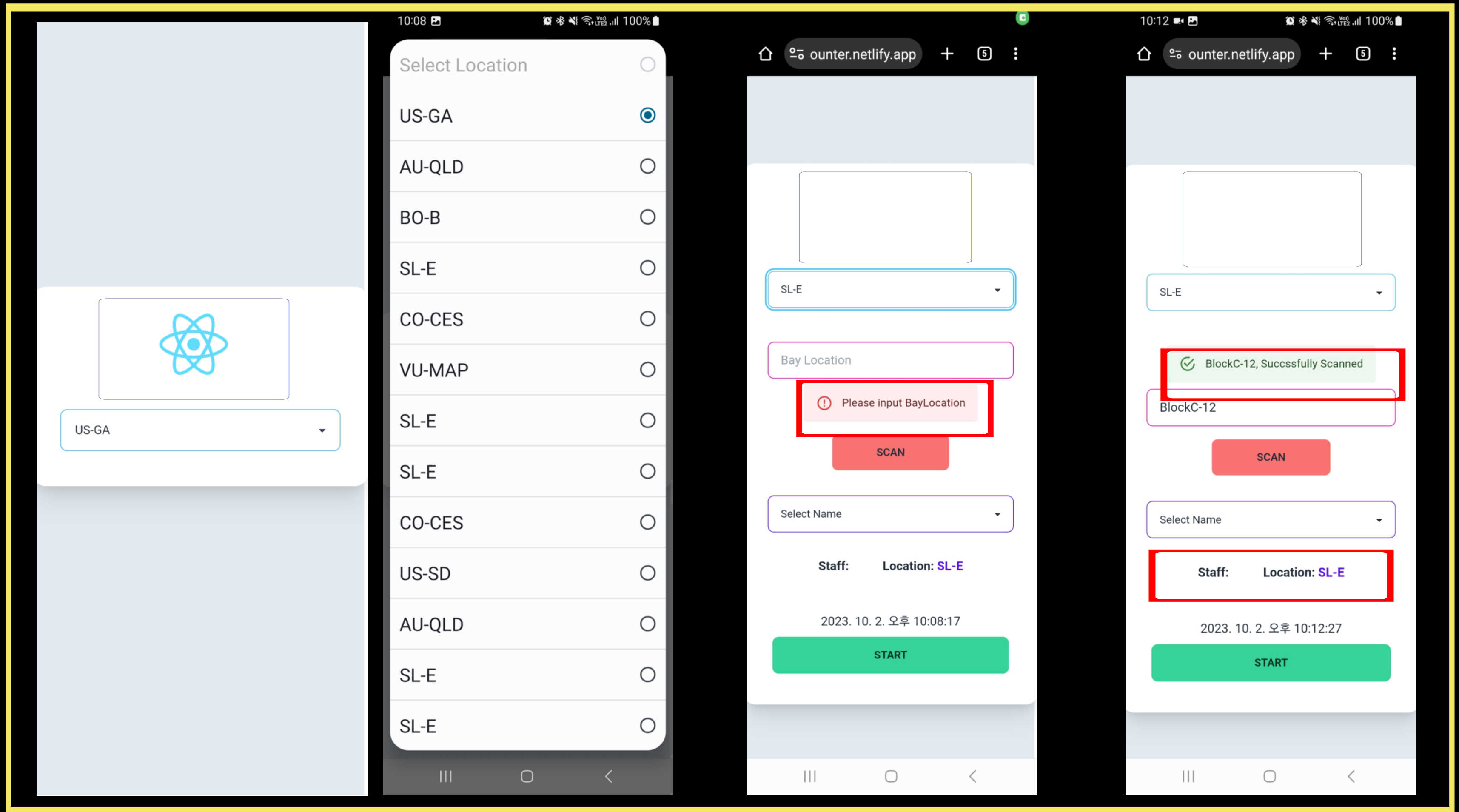
User Story Description

As a user, I need to access and update inventory quantities accurately and without any missing information.

As a barcode scanner user, I expect the barcode functionality to work seamlessly on any device, with the app providing immediate feedback upon successful scanning.

As a user responsible for inventory adjustments, I want to verify the alignment of the system's inventory with the physically checked quantity when scanning a product and update it accordingly.

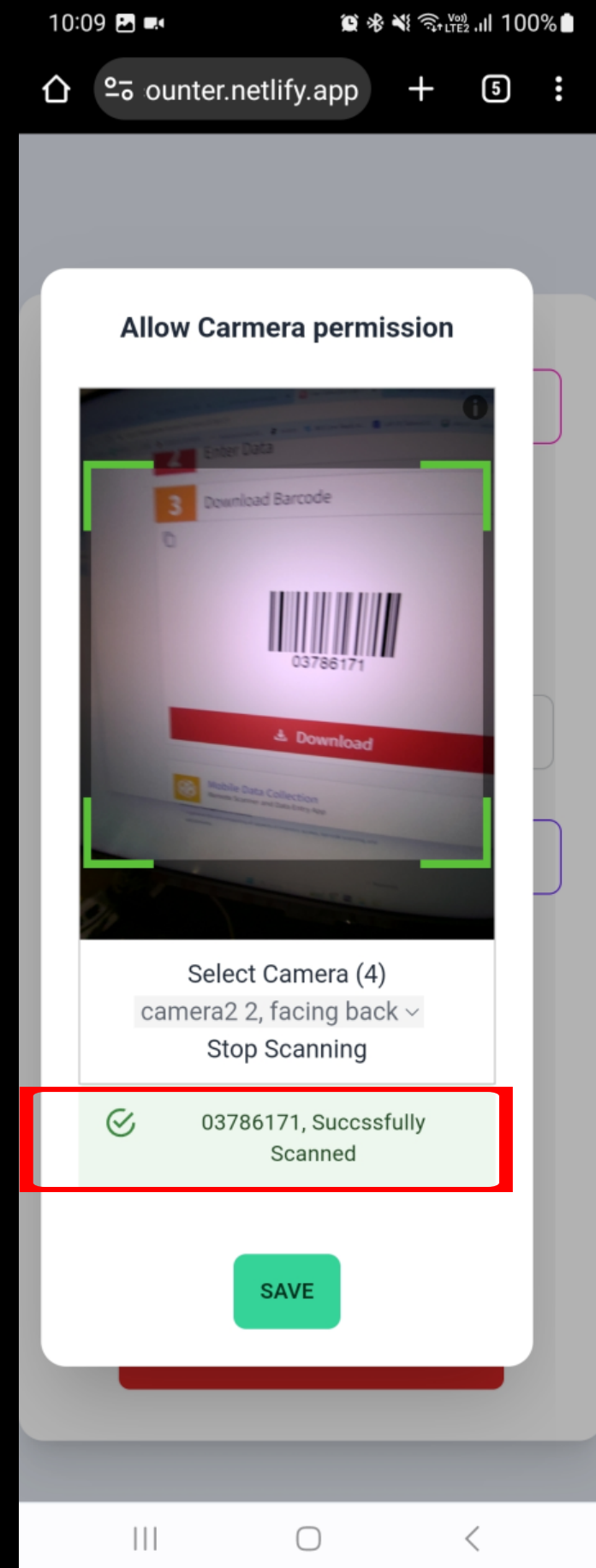
"As an app user, I verify that the updated information has been properly uploaded to the database.



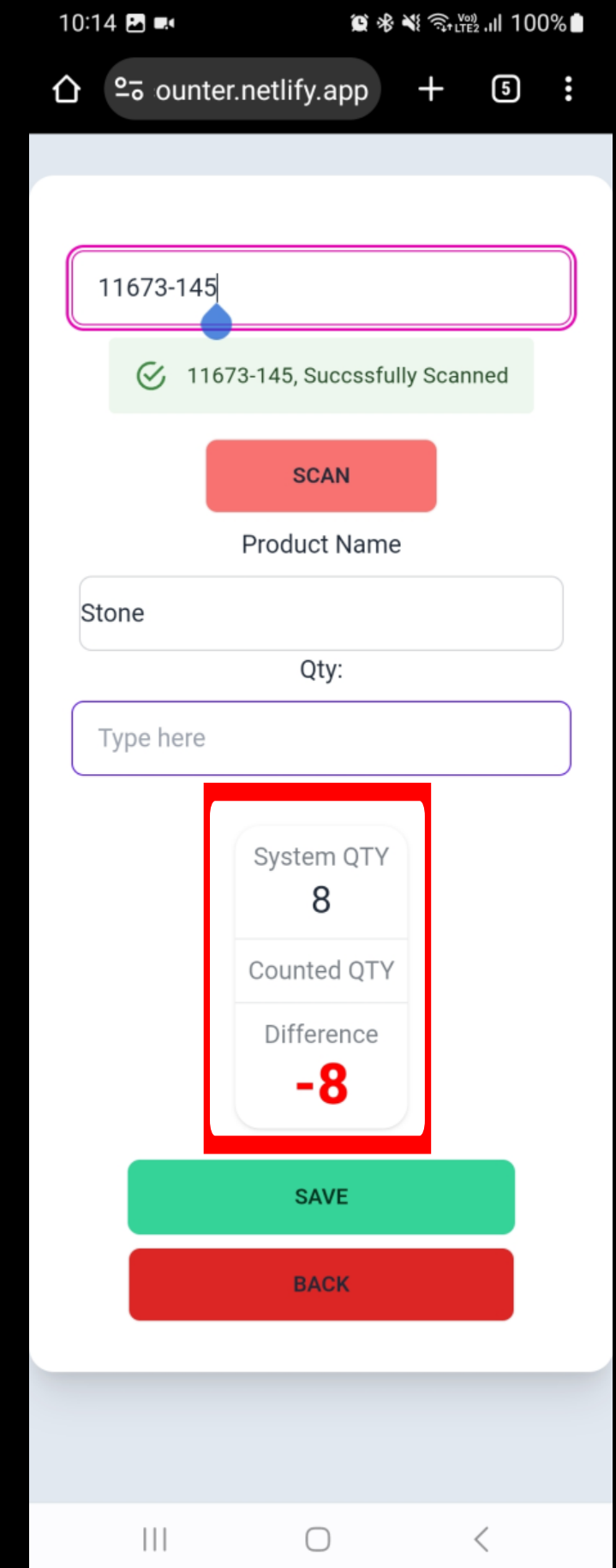
UX Design Focus: Ensuring Complete Information Input

Barcode Scanning Process with Visual Feedback

Confirmation
upon
Successful
Barcode Scan:



Dynamic Color
Feedback
for
Discrepancies



Updating Quantity in Google Sheet with Confirmation and Data Check:

Confirmation
of Data
Upload:

10:14

100%

11673-145

11673-145, Succssfully Scanned

SCAN

Product Name

Stone

Qty:

8

System QTY

8

Counted QTY

8

Difference

0

11673-145,8 Qty successfully Updated !!

SAVE

BACK

Check New Data in
Google Sheet:

MOCK_DATA										
파일 수정 보기 삽입 서식 데이터 도구 확장 프로그램 도움말										
메뉴										
100% 기본값... 10 B I A										
	A	B	C	D	E	F	G	H	I	J
1	barcode	product	location	systemQty	countedQty	counter	date	baylocation	name	department
2	21695-054	Granite	US-GA	1					Stanwood	Engineering
3	548685645	Stone	AU-QLD	2					Anne	Business Development
4	3786171	Stone	BO-B	3					Melisse	Sale
5	0378-2589	Stone	SL-E	4					Town	Engineering
6	55154-3327	Wood	CO-CES	5					Jodie	Engineering
7	66992-281	Granite	VU-MAP	6					Sheri	Marketing
8	21695-947	Brass	SL-E	7					Zia	Sale
9	11673-145	Stone	SL-E	8	8	Weidar	2023-10-02T09:14:28.143Z	BlockC-12	Weidar	Business Development
10	54569-0967	Glass	CO-CES	9					Gretta	Legal
11	0574-0292	Rubber	US-SD	10					Eamon	Marketing
12	13925-168	Brass	AU-QLD	11					Mirabelle	Sale
13	67692-290	Rubber	SL-E	12					Chancey	Legal
14	64117-973	Glass	SL-E	13					Gilly	Marketing