

End of Day Report - Procurement App Enhancement

Executive Summary

Today's session focused on significantly enhancing the Procurement application's UI/UX, fixing critical bugs, and deploying the application to production. We successfully revamped the theme, improved the procurement workflow, fixed data synchronization issues, and resolved UI regressions.

Key Accomplishments & Timeline

Morning Session (10:00 AM - 11:30 AM)

- **10:00 AM - 10:06 AM: Debug Receiving Signature** - Resolved an issue where the receiving flow would get stuck.
- **10:14 AM - 10:17 AM: Start Development Server** - Ensured the environment was ready.
- **10:20 AM - 11:25 AM: Dropdown UI Revamp** - Replaced native selects with custom components for a premium look.

Afternoon Session (12:00 PM - 08:00 PM)

- **Manual Testing & Verification:** Conducted extensive manual testing and validation of the application workflows (User-led).

Evening Session (09:50 PM - 11:30 PM)

- **09:50 PM: Theme Revamp** - Implemented the new gradient-based theme.
- **10:00 PM - 10:30 PM: Integrations & Vendor Sync** - Fixed the Integrations tab and resolved critical vendor-product sync issues.
- **10:40 PM: Procurement UI Enhancements** - Implemented vendor pre-filling and read-only fields.
- **11:15 PM: Optional Carrier & Auto-Tracking** - Added logic for optional carrier and auto-generated tracking numbers.
- **11:25 PM: Transactions UI Fix** - Resolved the "ruined" UI issue in the Transactions page.
- **11:30 PM: Deployment** - Successfully deployed to Vercel.

Critical Bug Fixes & Debugging

- **Receiving Signature Issue:** Resolved a bug where the "Receiving" flow would get stuck in "Processing" when saving signatures. Fixed `handleSignatureSave` in `Receiving.tsx`.
- **Suppliers Product Display:** Fixed the "No products found" issue in the Suppliers tab by ensuring product data is correctly fetched and passed to the component.
- **Vendor-Product Sync:** Fixed a major issue where `vendorId` was not propagating correctly during cart creation and updates.
- **Infinite Loading Screen:** Resolved an issue where the app would get stuck on "Loading..." after login due to incorrect state initialization.
- **Procurement Tab Switching:** Fixed a bug where creating a PO would incorrectly switch the active tab.
- **PO Creation Logic:** Fixed a logic error that caused some assigned items to be skipped during PO creation.

Strategic Analysis

- **Real Estate App Gap Analysis:** Conducted a comprehensive analysis of the current app against the provided specification, identifying key gaps in the "Property Management" and "Tenant Portal" modules.

Deployment Details

- **GitHub:** Codebase pushed to <https://github.com/hecoloko/procurement-app>.

- **Vercel:** Application deployed to production at <https://procurement-86sabia7-hecolokos-projects.vercel.app>.

Issues Encountered & Resolved

Issue	Description	Resolution
Signature Stuck	Receiving flow stuck on "Processing".	Fixed onSave callback in signaturePad and Receiving.tsx.
Missing Products	"No products found" in Suppliers tab.	Fixed data fetching and state passing in App.tsx and Suppliers.tsx.
"Ruined" UI	The Transactions page looked unstyled and broken.	Identified and fixed typos in Tailwind class names (e.g., px - 4 instead of px-4).
Infinite Loading	App stuck on loading screen after login.	Corrected useEffect dependencies and setLoading(false) calls in App.tsx.
Vendor Sync	Vendor assignments were lost in the cart.	Updated handleAddCart and handleUpdateCartItem to persist vendorId.
PO Creation	Some items skipped when creating POs.	Switched from includes check to a robust map lookup for item IDs.

Next Steps

- The application is stable and deployed.
- Future work could focus on further testing the "Bulk Assign Vendors" feature and refining the mobile experience.