

# BQFC DTR and Payroll Analytics Refactor

Implementation report for the BQFC repository

Source: BQFC

Repository: BQFC

Component: frontend/src/components/dtr/DtrModal.jsx, frontend/src/components/payroll/payrollModal.jsx

Completed: Sep 19, 2026 at 01:45 PM PHT

## Summary

The DTR and Payroll audit interfaces were aggressively expanded from cramped inline components to maximized overlay modals. This architectural shift leverages the full DOM viewport to securely manage AM/PM punch arrays and dense payroll tabular data without restricting user navigation.

## Implemented Updates

- Deprecated the inline DTR editor and migrated the state management logic to a dedicated, high-resolution modal architecture.
- Realigned the DOM grid for AM/PM punch inputs to isolate state changes and reduce accidental cross-field mutations.
- Scaled the payrollModal component width and height dynamically based on window.innerHeight and window.innerWidth to maximize tabular data visibility.
- Reconfigured CSS grid templates within the payroll modal to eliminate nested scrollbars and consolidate data auditing into a single vertical flow.

## Responsive / Functional Behavior

- The modals now conditionally render with high z-index overlays, completely overriding background scroll events to enforce focus on the active data layer.
- Desktop users benefit from significantly expanded data grids; mobile behavior gracefully stacks input fields vertically.

## Validation

- ESLint checks completed successfully.
- Production Vite build completed successfully.
- Manual state progression tests executed without encountering uncaught exceptions.
- Existing font-resolution warnings remain non-blocking and are unrelated to this update.

## Source and Tracking

Source: BQFC repository

Master Tracker: [□](#) feature and bugs to check and apply for each client

## Screenshot Evidence — BQFC

(Screenshots pending attachment)