

BIG Company Unified Frontend - Requirements Verification Report

Production URL: <https://unified-frontend-production.up.railway.app>
Date: December 9, 2024 **Version:** 1.0

Executive Summary

This report verifies the implementation of the BIG Company Unified Frontend against the specified requirements for both Customer Portal and Retailer Portal. All features have been implemented and deployed to production on Railway.

CUSTOMER PORTAL VERIFICATION

1. Shop Feature

Requirement	Status	Evidence
Customer enters location manually (District - Sector - Cell)	✓ IMPLEMENTED	Location modal with District, Sector, Cell dropdowns
System shows nearest shop based on location	✓ IMPLEMENTED	"Find Nearest Stores" button searches by location hierarchy
"Change store" renamed to "explore another store"	✓ IMPLEMENTED	Button text updated
Payment options: Wallet and Mobile Money only	✓ IMPLEMENTED	Checkout shows Dashboard Balance, Credit Balance, MTN, Airtel options
Dashboard wallet payment requires meter ID for rewards	✓ IMPLEMENTED	Meter ID field shown for gas rewards
Credit payment - no meter ID (no rewards on credit)	✓ IMPLEMENTED	Credit payments skip meter ID step
Mobile Money: MTN/Airtel with meter ID for rewards	✓ IMPLEMENTED	Mobile money flow includes meter ID input

Screenshot Reference: 04_shop_page.png - Shows location modal with District/Sector/Cell selection

2. My Orders Feature

Requirement	Status	Evidence
-------------	--------	----------

Track orders	✓ IMPLEMENTED	Order status timeline visible
Cancel order (if not shipped) with reasons	✓ IMPLEMENTED	Cancel button with reason modal
See cancellation reasons from retailer	✓ IMPLEMENTED	Cancellation reason displayed
Order details (packager, shipper, contact, times)	✓ IMPLEMENTED	Full order details view
Receipt download option	✓ IMPLEMENTED	Download receipt button
Confirm delivery	✓ IMPLEMENTED	Confirm delivery button

Screenshot Reference: 05_orders_page.png

3. Wallet & Cards Feature

Requirement	Status	Evidence
Available Balance (Dashboard + Credit combined)	✓ IMPLEMENTED	Shows "30,000 RWF" as total
Dashboard Balance with Top Up option	✓ IMPLEMENTED	"25,000 RWF" with "+ Top Up" button
Credit Balance with Request Loan option	✓ IMPLEMENTED	"5,000 RWF" with "+ Request Loan" button
Request Refund option on Dashboard	✓ IMPLEMENTED	"Request Refund" button visible
Transactions tab	✓ IMPLEMENTED	Shows all Dashboard & Credit transactions
My NFC Cards (limit 3, with history)	✓ IMPLEMENTED	Shows 2/3 cards with card details
Dashboard Ledger tab	✓ IMPLEMENTED	Tab shows all dashboard transactions
Credit Ledger with full details	✓ IMPLEMENTED	Shows Credit Limit, Available Credit, Used Credit, Outstanding Balance
Current Loan Date	✓ IMPLEMENTED	Shows "11/25/2024"
Next Payment Due date and amount	✓ IMPLEMENTED	Shows "12/15/2024 - 1,500 RWF"
Payment Status	✓ IMPLEMENTED	Shows "CURRENT" status
Pay Loan button	✓ IMPLEMENTED	Red "Pay Loan" button visible
Credit Transactions history	✓ IMPLEMENTED	Transaction list below credit details

Screenshot References: - 06_wallet_overview.png - Main wallet with balances - 07_wallet_nfc_cards.png - NFC Cards tab - 08_wallet_dashboard_ledger.png - Dashboard Ledger - 09_wallet_credit_ledger.png - Credit Ledger with loan details

4. Gas Top-up Feature

Requirement	Status	Evidence
Wallet balance = Dashboard balance	✓ IMPLEMENTED	Shows “Dashboard Balance: 25,000 RWF”
Add Meter (manual ID + nickname)	✓ IMPLEMENTED	“+ Add Meter” button
System auto-fills owner info from API	✓ IMPLEMENTED	Shows owner name, ID number, phone number
Buy Gas (minimum 300 RWF)	✓ IMPLEMENTED	Minimum amount enforced
Payment: Wallet or Mobile Money (MTN/Airtel)	✓ IMPLEMENTED	Payment options available
My Gas Meters with full meter info	✓ IMPLEMENTED	Shows meter cards with nickname, ID, owner details
Recent Top-ups history	✓ IMPLEMENTED	Table with Date, Meter, Amount, Units, Payment Method
Gas Usage history option	✓ IMPLEMENTED	“Usage” button on each meter card

Screenshot Reference: 10_gas_topup.png - Shows gas meters with owner info, buy gas, usage history

5. Rewards Feature

Requirement	Status	Evidence
Remove redeem, current tier, ranking	✓ IMPLEMENTED	Only Overview and History tabs remain
“Shop and get free gas”	✓ IMPLEMENTED	First item: “Earn gas rewards as you shop with BIG stores”
“Share your gas rewards with friends”	✓ IMPLEMENTED	Second item with meter ID sharing description
“Share your experience with friends”	✓ IMPLEMENTED	Third item: “Inform friends and family”
“Invite friends” with app link	✓ IMPLEMENTED	Fourth item: “Copy the link and share”
History shows: Date, Meter ID, Order amount, Gas M ³ , Order ID	✓ IMPLEMENTED	History tab with full details

Gas rewards in M ³ (cubic meters)	✓ IMPLEMENTED	Shows “25.00 M ³ ” as available rewards
--	------------------	--

Screenshot Reference: 11_rewards_overview.png - Clean rewards page with correct items

6. Profile Feature

Requirement	Status	Evidence
Total orders (online + physical)	✓ IMPLEMENTED	Total orders count displayed
Wallet balance = Available balance	✓ IMPLEMENTED	Shows combined balance
Loyalty points changed to Gas Rewards (M ³)	✓ IMPLEMENTED	Shows gas rewards in cubic meters

Screenshot Reference: 13_profile_page.png

RETAILER PORTAL VERIFICATION

1. Dashboard Feature

Requirement	Status	Evidence
Today's Orders stat	✓ IMPLEMENTED	Order count displayed
Total Revenue (Capital + Profit combined)	✓ IMPLEMENTED	Combined revenue shown
Capital Wallet (inventory value at wholesaler price)	✓ IMPLEMENTED	Separate Capital Wallet card
Profit Wallet (profit margin from sales)	✓ IMPLEMENTED	Separate Profit Wallet card
Dashboard Wallet Revenue breakdown	✓ IMPLEMENTED	Payment method stats
Credit Wallet Revenue breakdown	✓ IMPLEMENTED	Payment method stats
Mobile Money Revenue breakdown	✓ IMPLEMENTED	Payment method stats
Gas Rewards Given (M ³ and RWF)	✓ IMPLEMENTED	Rewards tracking stat

Code Reference: src/pages/retailer/RetailerDashboard.tsx:72-93

```
interface DashboardStats {
  capitalWallet: number; // Inventory value at wholesaler price
  profitWallet: number; // Profit margin from sales
  dashboardWalletRevenue?: number;
  creditWalletRevenue?: number;
  mobileMoneyRevenue?: number;
  gasRewardsGiven?: number; // in M3
  gasRewardsValue?: number; // in RWF
}
```

2. POS Feature

Requirement	Status	Evidence
Total Sales display	✓ IMPLEMENTED	Sales amount shown
Mobile Payment transactions total	✓ IMPLEMENTED	Payment breakdown
Dashboard Wallet transactions total	✓ IMPLEMENTED	Payment breakdown
Credit Wallet transactions total	✓ IMPLEMENTED	Payment breakdown
Gas Rewards amount (M ³ + RWF)	✓ IMPLEMENTED	Rewards given stat
Total = Subtotal + Tax	✓ IMPLEMENTED	Tax calculation included
Big Shop Card payment option	✓ IMPLEMENTED	NFC card payment flow
Mobile Money payment option	✓ IMPLEMENTED	MTN/Airtel selection
Dashboard wallet requires meter ID	✓ IMPLEMENTED	Meter ID for rewards
Credit wallet - no meter ID	✓ IMPLEMENTED	Credit skips rewards

Code Reference: `src/pages/retailer/POSPage.tsx`

3. Add Stock Feature (NEW)

Requirement	Status	Evidence
View wholesaler stock in real-time	✓ IMPLEMENTED	Product list with stock availability
Order from assigned wholesaler only	✓ IMPLEMENTED	Single wholesaler view
Pay with Capital Wallet only	✓ IMPLEMENTED	Capital wallet payment required
Product info: category, cost price, selling price, quantity	✓ IMPLEMENTED	Full product details in table
Order confirmation updates inventory	✓ IMPLEMENTED	Auto-sync on order confirm

Code Reference: `src/pages/retailer/AddStockPage.tsx:40-48`

```
interface WholesalerProduct {  
  id: string;  
  name: string;  
  category: string;  
  wholesaler_price: number;  
  stock_available: number;  
  min_order: number;  
  unit: string;  
}
```

4. Inventory Feature

Requirement	Status	Evidence
Add product by invoice number only	✓ IMPLEMENTED	Invoice input updates stock
Actions column removed for retailers	✓ IMPLEMENTED	No edit actions visible
Admin-only selling price control	✓ IMPLEMENTED	Price editing restricted
Auto-update from wholesaler orders	✓ IMPLEMENTED	Inventory syncs with orders

Code Reference: `src/pages/retailer/InventoryPage.tsx`

5. Orders Feature

Requirement	Status	Evidence
Total Revenue from online orders	✓ IMPLEMENTED	Revenue stat card
Dashboard Wallet Revenue	✓ IMPLEMENTED	Payment breakdown
Credit Wallet Revenue	✓ IMPLEMENTED	Payment breakdown
Mobile Money Revenue	✓ IMPLEMENTED	Payment breakdown
Gas Rewards given (M ³ + RWF)	✓ IMPLEMENTED	Rewards stat
Filter by payment type	✓ IMPLEMENTED	Payment filter dropdown
Order status counts (pending, processing, ready, completed, cancelled)	✓ IMPLEMENTED	Status filter tabs
Package info input	✓ IMPLEMENTED	Packaging details form
Shipper info input	✓ IMPLEMENTED	Shipping details form
Auto-confirm delivery after 24h	✓ IMPLEMENTED	System auto-confirmation

Code Reference: `src/pages/retailer/OrdersPage.tsx`

6. Wallet and Credit Feature

Requirement	Status	Evidence
Capital Wallet dashboard	✓ IMPLEMENTED	Separate capital wallet view
Profit Wallet dashboard	✓ IMPLEMENTED	Separate profit wallet view

Add Capital option	✓ IMPLEMENTED	Button to increase capital
Profit Wallet - admin transfers only	✓ IMPLEMENTED	No retailer withdrawal option
Transaction history with invoices	✓ IMPLEMENTED	View invoice option on transactions
Credit dashboard (same format as customer)	✓ IMPLEMENTED	Credit limit, available, used, outstanding
Request Loan option	✓ IMPLEMENTED	Loan request form
Wholesaler orders paid by credit history	✓ IMPLEMENTED	Credit transaction list

Code Reference: src/pages/retailer/WalletPage.tsx

7. My Management Feature (NEW)

Requirement	Status	Evidence
Check customer wallet balance (PIN required)	✓ IMPLEMENTED	Balance check form with PIN input
Card Transactions tab	✓ IMPLEMENTED	All card orders listed
Dashboard balance orders	✓ IMPLEMENTED	Filter by payment type
Credit balance orders	✓ IMPLEMENTED	Filter by payment type
Invoice view option	✓ IMPLEMENTED	View invoice button
Gas Rewards tab	✓ IMPLEMENTED	All meter IDs with rewards
Profit Invoices tab	✓ IMPLEMENTED	Admin invoices with details
NFC, Employees, Vendors removed	✓ IMPLEMENTED	Only required tabs present

Code Reference: src/pages/retailer/ManagementPage.tsx:74-80

```
const ManagementPage: React.FC = () => {
  const [activeTab, setActiveTab] = useState('balance-check');
  // Tabs: balance-check, card-transactions, gas-rewards, profit-
  invoices
}
```

Navigation Updates

Change	Status	Evidence
Retailer: Add Stock page added	✓ IMPLEMENTED	/retailer/add-stock route
Retailer: My Management page	✓ IMPLEMENTED	/retailer/management

added		route
Retailer: NFC removed	✔ IMPLEMENTED	Route removed
Retailer: Employees removed	✔ IMPLEMENTED	Route removed
Retailer: Vendors removed	✔ IMPLEMENTED	Route removed
Mobile: Rewards replaced by My Orders	✔ IMPLEMENTED	Bottom nav updated

Code Reference: `src/App.tsx` - Routes configuration

Deployment Information

Item	Value
Frontend URL	<code>https://unified-frontend-production.up.railway.app</code>
Platform	Railway
Build Status	✔ Successful
Deployment Date	December 9, 2024

Screenshots Captured

Customer Portal

- 01_login_page.png - Login page
- 04_shop_page.png - Shop with location modal
- 05_orders_page.png - Orders page
- 06_wallet_overview.png - Wallet overview with balances
- 07_wallet_nfc_cards.png - NFC Cards tab
- 08_wallet_dashboard_ledger.png - Dashboard Ledger
- 09_wallet_credit_ledger.png - Credit Ledger with loan details
- 10_gas_topup.png - Gas top-up page
- 11_rewards_overview.png - Rewards overview
- 12_rewards_history.png - Rewards history
- 13_profile_page.png - Profile page

Retailer Portal (Code Verified)

- RetailerDashboard.tsx - Dashboard with Capital/Profit Wallets
- AddStockPage.tsx - Add Stock from wholesaler
- ManagementPage.tsx - My Management with all tabs
- POSPage.tsx - POS with payment methods
- InventoryPage.tsx - Inventory management
- OrdersPage.tsx - Order management
- WalletPage.tsx - Wallet and Credit management

Conclusion

All requirements have been successfully implemented and deployed to production.

The BIG Company Unified Frontend now includes: - Complete Customer Portal with Shop, Orders, Wallet & Cards, Gas Top-up, Rewards, and Profile - Complete Retailer Portal with Dashboard (Capital/Profit Wallets), POS, Add Stock, Inventory, Orders, Wallet/Credit, and My Management - Responsive design for both desktop and mobile - Full authentication and role-based access

Production URL: <https://unified-frontend-production.up.railway.app>

Report generated on December 9, 2024