

Customer: Hock Soon Heng LPG Pte Ltd
Project Title: HSH Sales System

Frontend: React | Backend: Django | Database: MySQL
Hosting: Azure or Google Cloud or AWS
Integration: QuickBooks (optional)

Stand alone system: S\$ 16,000 (One time development)
Integration with QuickBooks: S\$ 13,800 (optional)

Login Page

Username : (input validation logic)
Password : (input validation logic)

Forget Password

Distribution Tab

[Distribution] [Transaction]

User: Account 001 (based on login)

Item List:

Depots	Equipment Name	Quantity	Status
Dropdown Selection <ul style="list-style-type: none">SINGGASUNIONHSH KB	Dropdown Selection <ul style="list-style-type: none">CYL 9 kgsCYL 12.7 kgsCYL 14 kgsCYL 50 kgs (POL)CYL 50 kgs (L)	(input validation logic, number only)	Dropdown Selection <ul style="list-style-type: none">CollectionEmpty Return

Add [+] (Add item)

[Reset] [Save]



Popup ↗ (Optional)

Distribution Confirmation

User: Account 001
Timestamp: Date & Time
Distribution number: (Unique no)

Depots	Equipment Name	Quantity	Status
SINGGAS	CYL 12.7 kgs	10	Collection
SINGGAS	CYL 14 kgs	8	Collection
SINGGAS	CYL 14 kgs	3	Empty Return

Total:
Collection 18
Empty Return 03

[Back] [Confirmed] ⇒ Landing Page

Distribution table (Update)  QuickBooks Integration Inventory & Stock

DistributionNo | User | Timestamp | Depots | EquipmentName | Quantity | Status | PONo

Transaction Tab

[Distribution] [Transaction]

User: Account 001 (based on login)
Customer: (Dropdown / Search using input best match)
Account Type: Credit / Cash (Auto populate)

Meter Sales:

Last Meter Reading	Latest Meter Reading	Quantity	Rates
[Date: (Retrieve from database, auto populating based last Meter)	[Date: Auto populate (Today) (input validation logic, number only)	Auto Calculate	Auto populate (Auto populating based on customer's contract rates)

Cylinder item:

Equipment Name	Status	Quantity	Rates
Dropdown Selection <ul style="list-style-type: none">CYL 9 kgsCYL 12.7 kgsCYL 14 kgsCYL 50 kgs (POL)CYL 50 kgs (L)	Dropdown Selection <ul style="list-style-type: none">DeliverEmpty ReturnHalf Return	(input validation logic, number only)	Auto populate (Auto populating based on customer's contract rates) Return/Half value \$0.00

Add [+] (Add item)

Service item:

Description	Quantity	Rates
Dropdown Selection <ul style="list-style-type: none">Gas StoveRepair & ServiceRegulatorHose & ClipCylinder DepositMeter Deposit	[(input validation logic, number only)	[(input validation logic, number only)

Add [+] (Add item)

Outstanding Invoice:

Invoice No.	Invoice Date	Invoice Status	Amount
			<input checked="" type="checkbox"/>
			<input checked="" type="checkbox"/>

[Reset] [Save]



Popup ↗ (Optional)

Transaction Confirmation

User: Account 001
Customer:
Timestamp: Date & Time
Transaction number: (Unique no)

Meter

Last reading	Latest Reading	Quantity	Rates	Total

Cylinder

Equipment	Status	Quantity	Rates	Total

Service item:

Equipment	Quantity	Rates	Total

Invoice:

Invoice No.	Invoice Date	Amount	Total

Total Amount:

Payment received: ☒ Yes ☐ No (Yes generate Receipt, No status unpaid)

[Back] [Confirmed] ⇒ Landing Page

Transaction table (Update)  [QuickBooks Integration Inventory & Stock](#)

User | Customer | Timestamp | TransactionID | InvoiceNo | ReceiptNo

Meter table (Update)

TransactionID | Customer | Last reading | Latest Reading | QTY

Inventory table (Update)

TransactionID | Customer | Equipment | QTY

User Tab (Admin login only)

[User] [Customer] [Report] [Distribution] [Transaction]

Username: (Dropdown / Search using input best match)

Vehicle No:

User ID:

Account Type:

[Clear] [Update] [Add] [Delete]

↑↓ Sort

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User ID	Username	Vehicle No	Account Type	Password

Customer Tab (Admin login only)

[User] [Customer] [Report] [Distribution] [Transaction]

Customer: (Dropdown / Search using input best match)

Customer ID:

Payment Type: Monthly / cash

Meter Rates:

CYL 9 Kgs Rates:

CYL 12.7 Kgs Rates:

CYL 14 Kgs Rates:

CYL 50 Kgs (POL) Rates:

CYL 50 Kgs (L) Rates:

[Clear] [Update] [Add] [Delete]

↕ Sort

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Customer ID	Customer Name	Payment Type	Meter	CYL 9	CYL 12.7	CYL 14	CYL 50 (POL)	CYL 50 (L)

Report Tab (Admin login only)

[User] [Customer] [Report] [Distribution] [Transaction]

➤ Report Type: (Dropdown) Customer / Sales_Account

Customer: (Dropdown / Search using input best match) or All

PaymentStatus: (Dropdown) Paid / Unpaid / All

Date Range: Select date range or All

User: (Dropdown) Sales Account / All

↕ Sort

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User	Customer Name	Timestamp	TransactionID	InvoiceNo	ReceiptNo	PaymentStatus

Export [✉]

➤ Report Type: (Dropdown) Customer / Sales_Account

Sales_Account: (Dropdown / Search using input best match) or All

PaymentStatus: (Dropdown) Paid / Unpaid / All

Date Range: Select date range or All

User: (Dropdown) Sales Account / All

↕ Sort

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User	Customer Name	Timestamp	TransactionID	InvoiceNo	ReceiptNo	PaymentStatus

Export [✉]

System Log

- Add / Delete User
- Add / Delete Customer
- Update rates

Requirement Specification

Admin user

- Add or delete or Update sales person details
- Add or delete or Update Customer details and Tariff Rates
- Generate Customer Report to view paid & unpaid invoices
- Generate Sales Person Report to view cash sales to tally the amount collected

sales person

- Update Distribution, Depot collection and return of equipment's details
- Update Transaction, Customer Delivery, collection, Meter reading and payment
- Generate invoice and Receipt
- Print invoice or Receipt using portable printer