RestoManagerKe - Complete User Documentation

Developer Information

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1. Introduction

What is RestoManagerKe?

RestoManagerKe is a complete restaurant management system designed specifically for Kenyan restaurants. It combines a customer-facing ordering portal with a comprehensive admin dashboard for restaurant management.

Key Features

- Customer Portal - Online ordering, table reservations, order tracking
- Admin Dashboard - Order management, menu management, inventory control
- Staff Management - Employee records, payroll processing
- Financial Tracking - Sales transactions, expenses, reports
- M-PESA Integration - Secure mobile money payments
- Multi-device Access - Works on phones, tablets, and computers

System Requirements

- Any device with a web browser
- Internet connection
- M-PESA account for payments

Live System URL

- Customer Portal: https://restomanagerke.pxxl.click
- Admin Dashboard: https://restomanagerke.pxxl.click/dashboard

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2. System Access

2.1 Customer Access

Customers can access the system directly without login to browse, but registration is needed to place orders.

URL: https://restomanagerke.pxxl.click

2.2 Staff/Admin Access

Staff access the admin dashboard for restaurant management.

URL: https://restomanagerke.pxxl.click/dashboard

Default Admin Credentials:

Field	Value
Email	davismcintyre5@gmail.com
Password	Hdm@2002

Note: Change your password after first login for security.

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3. Customer Portal Guide

3.1 Registration & Login

Creating a Customer Account:

1. Click "Account" in the top-right corner
2. Select the "Register" tab
3. Fill in the registration form:

Field	Required	Example
Full Name	Yes	John Kamau
Email	Yes	john@example.com
Phone Number	Yes	0712345678
Password	Yes	(minimum 6 characters)
Confirm Password	Yes	(must match)
Address	No	123 Kenyatta Ave, Nairobi

4. Click "Register" button

5. You'll see a success message

6. Switch to the "Login" tab to sign in

Logging In:

1. Click "Account" → "Login" tab

2. Enter your email and password

3. Check "Remember me" to stay logged in (30 days)

4. Click "Login"

Password Strength Indicator:

As you type your password, a colored bar will show its strength:

- 🔴 Red - Weak password

- 🟡 Orange - Medium password

- 🟢 Green - Strong password

Forgot Password:

1. On login page, click "Forgot password?"

2. Enter your email address

3. Click "Send Reset Link"

4. Check your email for reset instructions

5. Follow the link to create a new password

Logging Out:

1. Click your name in the top-right corner

2. Select "Logout" from the dropdown menu

3.2 Customer Profile Management

View/Edit Profile:

1. Click your name → "My Profile"
2. View your information:
   - Name (cannot be edited)
   - Email (cannot be edited)
   - Phone (editable)
   - Address (editable)
   - Member Since date
3. Make changes and click "Update Profile"

Change Password:

1. Click your name → "Change Password"
2. Enter:
   - Current Password
   - New Password
   - Confirm New Password
3. Click "Change Password"

3.3 Browsing the Menu

View Menu Items:

- The main page displays all available menu items
- Items are shown with:
  - Name
  - Price (KES)
  - Description
  - "Add to Cart" button

Filter by Category:

Use the sidebar categories to filter items:

- All Items - Show everything
- Appetizer - Starters and small plates
- Main Course - Full meals
- Dessert - Sweet treats
- Beverage - Drinks
- Side Dish - Accompaniments

Search for Items:

1. Use the search bar at the top of the menu
2. Type item name or description keywords
3. Results update automatically as you type

Special Offers:

The "Today's Special Offers" section shows current promotions with discount codes.

3.4 Placing an Order

Adding Items to Cart:

1. Browse the menu
2. Click "Add to Cart" on any item
3. A confirmation message appears
4. The cart icon updates with item count

Viewing Your Cart:

1. Click the cart icon in the header
2. View all items with:
   - Item name

  - Unit price
  - Quantity selector
  - Item total

Adjusting Quantities:

In the cart modal:

- Click "+" to increase quantity
- Click "−" to decrease quantity (removes item at zero)
- Item total updates automatically

Selecting Order Type:

Choose how you want to receive your order:

Option	Description
Takeaway	Pick up from restaurant
Dine In	Eat at the restaurant
Delivery	Food delivered to your address

Delivery Address (for Delivery orders):

If you select "Delivery", provide:

- Street (required) - e.g., Moi Avenue
- City (required) - e.g., Nairobi
- Landmark (optional) - e.g., Near Kencom Bus Stop
- Delivery Instructions (optional) - e.g., "Call on arrival, Apartment 5B"

Order Summary:

Review your order before payment:

- Subtotal - Sum of all items
- Total - Final amount (same as subtotal, no VAT)

Placing the Order:

1. Review cart contents

2. Select order type

3. Provide delivery address if needed

4. Click "Place Order"

5. You'll see a confirmation with:

   - Order number

   - Items ordered

   - Total amount

   - Estimated time

3.5 M-PESA Payment

Initiating Payment:

1. In the cart modal, enter your M-PESA phone number

2. Click the "Pay" button

3. You'll receive an STK push on your phone

Completing Payment:

1. Check your phone for the M-PESA prompt

2. Enter your M-PESA PIN

3. Wait for confirmation

4. The system will automatically detect successful payment

5. Your order will be placed automatically

Payment Status:

- Pending - Waiting for payment confirmation

- Success - Payment received, order placed

- Failed - Payment failed, try again

- Timeout - No response, try again

3.6 Table Reservations

Making a Reservation:

1. Click "Book Table" in the header

2. Your information is automatically filled

3. Select:

   - Number of Guests (1-6+)

   - Date (cannot be past dates)

   - Preferred Time (24-hour format, e.g., 19:00 for 7:00 PM)

   - Special Requests (optional, e.g., "Birthday celebration")

4. Click "Confirm Booking"

Reservation Confirmation:

- You'll receive a success message

- Confirmation SMS sent to your phone

- Reservation appears in "My Reservations"

Viewing Your Reservations:

1. Click your name → "My Reservations"

2. See all your bookings with:

   - Date and time

   - Number of guests

   - Status (Confirmed, Seated, Cancelled)

   - Special requests

3.7 Order Tracking

Track Current Order:

1. Click "Track Order" in the header

2. Enter your order number (shown in confirmation)

3. Click "Track Order"

4. View real-time status:

   - Step 1 - Order received

   - Step 2 - Confirmed

   - Step 3 - Preparing

   - Step 4 - Ready/Out for delivery

   - Completed - Delivered

Order Status Meanings:

Status	Description
Pending	Order received, awaiting confirmation
Confirmed	Restaurant accepted order
Preparing	Food is being prepared
Ready	Ready for pickup (takeaway/dine-in)
Out for Delivery	On the way to you (delivery)
Delivered	Order completed
Cancelled	Order cancelled

3.8 Order History

View Past Orders:

1. Click your name → "My Orders"

2. See all your previous orders with:

   - Order number

  - Date and time
  - Items ordered
  - Total amount
  - Order status
  - Delivery address (if applicable)

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4. Admin Dashboard Guide

4.1 Dashboard Overview

Accessing the Dashboard:
1. Go to: https://restomanagerke.pxxl.click/dashboard
2. Login with admin credentials
3. You'll see the main dashboard

Dashboard Components:

Header Statistics:
- Orders Today - Number of orders placed today
- Reservations - Number of table bookings today

Main Stats Cards:

Card	Description
Today's Revenue	Total sales today
Today's Expenses	Total expenses today
Account Balance	Current balance (Revenue - Expenses)

| Low Stock Items | Number of inventory items below reorder level |

Additional Stats:

- Monthly Revenue - Total sales this month
- Yearly Revenue - Total sales this year
- Total Customers - Number of registered customers
- Active Employees - Number of active staff

Recent Activity Panels:

- Recent Transactions
- Recent Orders
- Today's Reservations
- Low Stock Alerts
- Recent Activities Table

4.2 Navigation

The sidebar provides access to all modules:

Module	Icon	Description
Dashboard	🏠	Main overview
Menu Management	📖	Manage food items
Customer Orders	🛒	View and process orders
Table Reservations	📅	Manage bookings
Sales Transactions	💳	View sales records
Expenses	💰	Track expenses
Customers	👥	Manage customer accounts

| Employees | 👔 | Staff management |

| Payroll | 💵 | Process salaries |

| Stock Management | 📦 | Inventory control |

| Suppliers | 🚚 | Supplier management |

| Reports | 📊 | Generate reports |

4.3 Menu Management

Viewing Menu Items:

- All menu items are displayed in a table
- Columns: ID, Name, Category, Price, Available, Prep Time, Actions

Adding a Menu Item:

1. Click "Add Menu Item"
2. Fill in the form:
   - Item Name (required)
   - Category (Appetizer, Main Course, Dessert, Beverage, Side Dish)
   - Price (KES) (required)
   - Description (optional)
   - Preparation Time (minutes, default 15)
   - Image Icon (select icon style)
3. Click "Save Menu Item"

Editing a Menu Item:

1. Click the edit icon (pencil) on any row
2. Update the information
3. Click "Save Menu Item"

Toggling Availability:

- Click the check/ban icon to mark item as available/unavailable

- Unavailable items won't show in customer portal

Viewing Details:

- Click the eye icon to see full item details

Deleting a Menu Item:

1. Click the trash icon

2. Confirm deletion

3. Item is permanently removed

Printing Menu:

1. Click "Print Menu"

2. A formatted menu opens in new window

3. Items grouped by category

4. Use browser print function

4.4 Order Management

Viewing Orders:

All orders displayed in table with:

- Order number

- Customer name and phone

- Number of items

- Total amount

- Payment status

- Order status

- Time ordered

- Action buttons

Filtering Orders:

Use the tabs to filter by status:

- All - All orders
- Pending - New orders awaiting confirmation
- Confirmed - Accepted orders
- Preparing - In kitchen
- Ready - Ready for pickup
- Completed - Finished orders
- Cancelled - Cancelled orders

Processing Orders:

Confirm Order (Pending → Confirmed):

1. Find pending order
2. Click confirm button (check-circle)
3. Customer receives SMS: "Your order has been confirmed"

Start Preparing (Confirmed → Preparing):

1. Click utensils button
2. Kitchen starts working on order

Mark Ready (Preparing → Ready):

1. Click check button
2. Food is ready for pickup

Complete Order (Ready → Completed):

1. Click double-check button

2. Order finished

Cancel Order:

1. Click times button (red)

2. Confirm cancellation

3. Customer receives cancellation SMS

Confirm Payment:

For orders with pending payment:

1. Click money button

2. Confirm payment received

3. Payment status updates to "Paid"

Dispatch Order (for delivery):

1. Click truck button

2. Mark as out for delivery

3. Customer notified

View Order Details:

- Click eye icon to see complete order information

Print Order:

- Click print icon to print order receipt

4.5 Reservation Management

Viewing Reservations:

Table shows:

- Customer name

- Phone number
- Number of guests
- Date
- Time
- Status
- Actions

Reservation Statuses:

Status	Description
Pending	New reservation
Confirmed	Approved
Seated	Customer arrived
Cancelled	Cancelled
No-show	Customer didn't arrive

Processing Reservations:

Mark Seated:

1. Find confirmed reservation
2. Click chair icon
3. Customer receives welcome SMS

Mark No-show:

1. Find confirmed reservation
2. Click user-slash icon
3. Customer notified

Cancel Reservation:

1. Click times icon (red)

2. Select cancellation reason:

   - Fully Booked

   - Restaurant Closed

   - Staff Unavailable

   - Special Event

   - Customer Request

   - Other (specify)

3. Add optional message

4. Click "Send Cancellation"

5. Customer receives SMS with reason

4.6 Transaction Management

Viewing Transactions:

Table shows:

- Transaction ID

- Customer name

- Number of items

- Total amount

- Payment method

- Date

- Actions

Adding a Manual Sale:

1. Click "New Sale"

2. Select customer (or walk-in)

3. Add items:

   - Select menu item

   - Enter quantity

   - Price auto-fills

4. Add more items with "+ Add Another Item"

5. Select payment method

6. Add notes (optional)

7. Click "Complete Sale"

View Transaction Details:

- Click eye icon to see full details

Print Receipt:

- Click print icon to generate receipt

4.7 Expense Management

Viewing Expenses:

Table shows:

- Expense ID

- Type

- Description

- Amount

- Payment method

- Date

- Actions

Recording an Expense:

1. Click "Record Expense"

2. Select expense type:

   - Supplier Payment

  - Utility Bill
  - Rent
  - Equipment
  - Maintenance
  - Marketing
  - Salary
  - Other
3. Enter description
4. Enter amount
5. Select payment method
6. Select supplier (if applicable)
7. Add notes
8. Click "Record Expense"

Delete Expense:
1. Click trash icon
2. Confirm deletion

4.8 Customer Management

Viewing Customers:
Table shows:
- Customer ID
- Name
- Phone
- Total orders
- Total spent
- Last order date
- Actions

Adding a customer:

1. Click "Add Customer"

2. Fill in:

   - Name (required)

   - Phone (required)

   - Email (optional)

   - Address (optional)

   - Preferences (optional)

3. Click "Save Customer"

Edit Customer:

1. Click pencil icon

2. Update information

3. Click "Save Customer"

View Customer Details:

- Click eye icon to see complete customer profile

Delete Customer:

1. Click trash icon

2. Confirm deletion

4.9 Employee Management

Viewing Employees:

Table shows:

- Employee ID

- Name

- Position
- Department
- Phone
- Email
- Salary
- Status
- Actions

Adding an Employee:

1. Click "Add Employee"
2. Fill in:
   - Name (required)
   - Position (required)
   - Department (Kitchen, Service, Management, Cleaning, Other)
   - Email (required)
   - Phone (required)
   - Salary (required)
   - Payment Method
   - Status (Active, On Leave, Terminated)
3. Click "Save Employee"

Edit Employee:

1. Click pencil icon
2. Update information
3. Click "Save Employee"

View Employee Details:

- Click eye icon to see complete profile

Delete Employee:

1. Click trash icon

2. Confirm deletion

4.10 Payroll Management

Viewing Payroll Records:

Table shows:

- Employee name

- Pay period

- Base salary

- Hours worked

- Overtime

- Bonus

- Deductions

- Total pay

- Status

- Payment date

- Actions

Processing Payroll:

1. Click "Process Payroll"

2. Select employee

3. Enter:

   - Hours worked

   - Overtime hours

   - Bonus amount

   - Deductions

   - Notes

4. Click "Process Payroll"

Pay All Pending:

1. Click "Pay All Pending"
2. Confirm action
3. All pending salaries marked as paid

Pay Individual Salary:

1. Find pending payroll record
2. Click money button
3. Confirm payment

View Pay slip:

- Click eye icon to see detailed pays lip

Print Pay slip:

- Click print icon to generate printable pays lip

Delete Payroll Record:

1. Click trash icon
2. Confirm deletion

4.11 Inventory Management

Viewing Inventory:

Table shows:

- Item name
- Category
- Supplier

- Quantity
- Unit
- Unit price
- Total value
- Status
- Actions

Status Indicators:

Status	Color	Meaning
In Stock	Green	Stock level OK
Low Stock	Red	Below reorder level
Out of Stock	Dark Red	Zero quantity

Adding Inventory Item:

1. Click "Add Item"
2. Fill in:
   - Item Name (required)
   - Category (Meat, Vegetables, Dairy, Beverages, Dry Goods, Other)
   - Supplier (select from list)
   - Quantity (required)
   - Unit (kg, g, L, ml, pieces, boxes)
   - Unit Price (required)
   - Reorder Level (required)
3. Click "Save Item"

Recording Stock Usage:

1. Click chart-line icon on any item
2. Enter:

   - Quantity Used
   - Reason (e.g., "Daily cooking", "Wastage", "Spoilage")
3. Click "Record Usage"
4. Stock quantity automatically reduced

Reorder Item:
- Click truck icon to send reorder request

Edit Item:
1. Click pencil icon
2. Update information
3. Click "Save Item"

Delete Item:
1. Click trash icon
2. Confirm deletion

4.12 Supplier Management

Viewing Suppliers:
Table shows:
- Company name
- Contact person
- Phone
- Email
- Products supplied
- Payment terms
- Status
- Actions

Adding a Supplier:

1. Click "Add Supplier"

2. Fill in:

   - Company Name (required)

   - Contact Person (required)

   - Phone (required)

   - Email (required)

   - Address (optional)

   - Products Supplied (required)

   - Payment Terms (required, e.g., "Net 30", "Cash on Delivery")

   - Status (Active/Inactive)

3. Click "Save Supplier"

Edit Supplier:

1. Click pencil icon

2. Update information

3. Click "Save Supplier"

View Supplier Details:

- Click eye icon for complete information

Delete Supplier:

1. Click trash icon

2. Confirm deletion

4.13 Reports

Generating Reports:

1. Click "Generate Report"

2. Select date range (start and end dates)

3. Choose report type:

Report Type	Description
Sales Report	Orders, revenue, payment methods
Expense Report	Expenses by type and date
Inventory Report	Stock levels and values
Payroll Report	Salary records by period
General Report	Complete restaurant overview

Sales Report Includes:

- Total orders
- Total transactions
- Total revenue
- Average order value
- Sales by payment method
- Sales by order type
- Daily sales breakdown

Expense Report Includes:

- Total expenses
- Total amount
- Average expense
- Expenses by type
- Daily expense breakdown

Inventory Report Includes:

- Total items
- Total inventory value
- Low stock count
- Out of stock count
- Detailed item list with values

Payroll Report Includes:
- Total records
- Total paid
- Pending payments
- Employee breakdown

General Report Includes:
- Orders summary
- Reservations summary
- Expenses summary
- New customers
- Net profit calculation

Printing Reports:
- Reports open in new window
- Formatted for printing
- Use browser print function

4.14 User Management (Admin Only)

Accessing User Management:
1. Click profile icon
2. Select "Manage Users"

3. Only available for admin users

Viewing Users:

Table shows:

- Name
- Email
- Role (dropdown)
- Status (Active/Inactive)
- Actions

User Roles:

Role	Permissions
Admin	Full system access
Manager	Most features except user management
Cashier	Orders, transactions, customers
Staff	Limited view-only access

Adding a User:

1. Click "Add User"
2. Fill in:
   - Name (required)
   - Email (required)
   - Password (required, min 6 characters)
   - Role (Admin/Manager/Cashier/Staff)
   - Phone (optional)
3. Click "Add User"

Editing a User:

1. Click pencil icon

2. Update information

3. Click "Update User"

Changing User Role:

- Use dropdown in users table

- Select new role

- Changes take effect immediately

Activating/Deactivating User:

- Click ban/check icon to toggle status

- Inactive users cannot login

Deleting a User:

1. Click trash icon

2. Confirm deletion

3. Cannot delete your own account

4.15 Restaurant Settings

Accessing Settings:

1. Click profile icon

2. Select "Restaurant Settings"

Configurable Settings:

Field	Description
Restaurant Name	Displayed throughout system
Address	Restaurant location

| Phone | Contact number |

| Email | Contact email |

| KRA PIN | Kenya Revenue Authority PIN |

Saving Settings:

1. Update fields

2. Click "Save Settings"

3. Changes apply immediately

4.16 Change Password

For Current User:

1. Click profile icon

2. Select "Change Password"

3. Enter:

   - Current Password

   - New Password

   - Confirm New Password

4. Click "Change Password"

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5. M-PESA Payment Guide

5.1 How M-PESA Works in the System

RestoManagerKe integrates with Safaricom's M-PESA API for seamless payments:

- Customers pay directly from their phones

- Automatic order placement upon successful payment

- No manual payment confirmation needed

5.2 For Customers

Making a Payment:

1. Add items to cart
2. In cart modal, enter your M-PESA phone number
3. Click "Pay" button
4. You'll receive an STK push on your phone within seconds
5. Enter your M-PESA PIN
6. Wait for confirmation
7. Order placed automatically

What to Expect:

- STK Push - A prompt appears on your phone asking for PIN
- Confirmation - Success message in browser
- SMS - You'll receive M-PESA confirmation message
- Order Confirmation - System confirms order

Troubleshooting M-PESA Payments:

Issue	Solution
No STK push received	Check network, try again after 30 seconds
Insufficient funds	Add money to M-PESA and retry
Wrong number	Correct phone number and retry
Transaction timeout	Try again, ensure stable internet
Payment failed	Check M-PESA balance, try alternative payment

5.3 For Admins

Monitoring M-PESA Transactions:

- All payments appear in Transactions module
- Payment method shows "M-PESA"
- Transaction includes M-PESA receipt number
- Payment status updates automatically

Refunds:

To process a refund:

1. Find the transaction
2. Contact customer
3. Send M-PESA refund manually
4. Mark transaction as "Refunded" in system

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6. Troubleshooting & Support

6.1 Common Issues and Solutions

Login Problems:

Issue	Solution
Invalid credentials	Check email and password, use "Forgot password"
Account locked	Too many attempts, wait 15 minutes
Can't access dashboard	Ensure you have admin/manager role
"Admin access required"	Only admins can manage users

Order Issues:

Issue	Solution
Order not appearing	Check "All" tab, refresh page
Can't update status	Ensure you have proper permissions
Customer didn't get SMS	Check phone number, SMS is simulated in console
Wrong items in order	Cancel and ask customer to reorder

Payment Issues:

Issue	Solution
M-PESA not working	Check STK settings in environment variables
Payment confirmed but order not placed	Check transaction logs
Duplicate payment	Check for duplicate transactions

Inventory Issues:

Issue	Solution
Stock not updating	Check usage recording, refresh page
Low stock not alerting	Check reorder levels
Can't add item	Ensure all required fields filled

6.2 Error Messages Explained

| Error Message | Meaning | Solution |

"Route not found"	Invalid URL	Check the URL path
"Validation Error"	Missing required fields	Fill all required fields
"already exists"	Duplicate entry	Use different name/email
"Invalid token"	Session expired	Login again
"Token expired"	Session too long	Login again
"Connection error"	Server unreachable	Check internet, contact support

6.3 Browser Compatibility

RestoManagerKe works best on:

- Chrome (recommended)
- Firefox
- Safari
- Edge
- Mobile browsers (Chrome, Safari)

Note: Disable ad-blockers for full functionality.

6.4 Data Backup

The system automatically:

- Stores all data in MongoDB Atlas
- Daily automated backups
- 7-day backup retention

To manually backup:

1. Export data from MongoDB Atlas
2. Download collections as JSON

6.5 Getting Support

Developer Contact:

Davix HDM

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When Reporting Issues, Provide:

1. Screenshot of the error

2. What you were doing

3. Browser and device used

4. Time of issue

5. Any error messages shown

Support Hours:

- Monday - Friday: 8:00 AM - 8:00 PM

- Saturday: 9:00 AM - 5:00 PM

- Sunday: Closed

- Emergency support available via WhatsApp

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7. Quick Reference

7.1 Keyboard Shortcuts

| Action | Shortcut |

|--------|----------|
Refresh data	F5 or Ctrl+R
Print page	Ctrl+P
Search menu	Ctrl+F
Close modal	Esc

7.2 Important URLs

Page	URL
Customer Portal	https://restomanagerke.pxxl.click
Admin Dashboard	https://restomanagerke.pxxl.click/dashboard
Health Check	https://restomanagerke.pxxl.click/health
API Test	https://restomanagerke.pxxl.click/api/test

7.3 Default Credentials

Role	Email	Password
Admin	davismcintyre5@gmail.com	Hdm@2002

⚠️ Important: Change default password after first login!

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8. Glossary

Term	Definition

STK Push	M-PESA payment prompt sent to phone
SKU	Stock Keeping Unit - inventory identifier
VAT	Value Added Tax (not applied in this system)
KRA PIN	Kenya Revenue Authority Personal Identification Number
Pay Period	Salary calculation period (usually monthly)
Reorder Level	Minimum stock before reordering
Walk-in Customer	Customer without account
Dine In	Eat at restaurant
Takeaway	Pick up food
Delivery	Food brought to customer

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- Developer: Davix HDM

For assistance, contact Davix HDM at davismcintyre5@gmail.com or WhatsApp +254768784909