

Mayor D Electrical Hub Web App Version

This is the professional-grade web platform for connecting customers with trusted electrical engineers. Built for both desktop and mobile browsers (responsive), its got a clean, no-nonsense UI with power under the hood.

User Roles

Electrical Engineers

- Manage availability
- Chat with clients
- Build quotations
- Accept payments
- Set vacation status
- Track and manage job history

Customers

- Find nearby engineers
- Chat + media input
- Build job requests & quotes
- Make secure payments
- Track engineer locations

Customer Web Dashboard

Layout:

- Sidebar: Profile, Notifications, Payments, History
- Main Area:
 - Engineer Directory (grid or list view)
 - Name, distance (based on geolocation), availability (green dot), rating stars
 - View Profile opens mini profile with bio, services, and Chat Now button

Real-Time Chat Interface

Split-screen layout:

- Left Panel: Active Conversations
- Main Panel: Chat Window with:
 - Text input
 - Image uploader
 - Voice message recorder
 - Send My Location (auto-grabs GPS with permission)
- Engineer sees location, can Accept
- Once accepted: customer sees Track Engineer button

Quotation Builder (Web Modal / Pop-up)

- Write Quotation button in chat
- Dropdown for selecting material
- Quantity input
- Price input
- Add More new row
- Summary Table: Material | Qty | Price | Total
- Calculate Button grand total
- Print Button Quotation Sheet with company info

Paystack Payment Flow

- Make Payment below quotation
- Paystack modal (card, bank, USSD, etc.)
- Success updates: confirmation screen, chat update, history update

Engineer Control Panel

- Status Toggle: Available | On Leave | Vacation
- Vacation shows on profile, auto-reply on vacation
- Notify Me button sends email when back online

Location Tracking

- Customer sends location via chat

- Engineer accepts live GPS session starts
- Map on screen with engineer location + ETA

Customer History Page

- Engineers contacted, Quotes received, Payments made, Location logs, Status notifications

Engineer Dashboard

- Requests, Chat, Quote shortcuts, Availability toggle, Templates, Payment records, Settings

Notifications System

- Engineers: new chat, location request, payment received
- Customers: new message, quote available, status change, payment success

UI Design Tips

- Responsive grid layout
- Desktop-first, mobile-friendly
- Fonts: Inter, Roboto, Montserrat
- Button hover effects, soft shadows, status badges

Let me know if you want:

- Mock UI wireframes
- Suggested tech stack
- Database schema
- Page-by-page structure