



We are not **Headless**, We help you use
your **Head less**

Since 2018

Established by 4 **BUET**
graduates

100+

Client projects
Completed

3

Products
Developed

4+

Countries
Served

40+

Talented
Engineers

Founders of Headless



Golam Sakline Ratul
BSc in CSE, BUET
Chairman



Nazrul Islam Anik
BSc in CSE, BUET
Managing Director



Tanmoy Basak Anjan
BSc in CSE, BUET
Director & CPO



Pranta Biswas
BSc in CSE, BUET
Director & CTO

Company Background

Headless Technologies Limited is a software design and development company based in Dhaka, Bangladesh. We believe in the mantra of “Less is More”. The company provides customized software solutions including web and mobile applications, conversational AI-powered chatbots, microcontrollers and single board computer-powered electronic solutions, computer vision-based surveillance systems, and so on. This company has gained experience working in a wide range of technical domains in a short span of time since its origin. We always seek to keep ourselves updated with the ever-changing digital world. Client satisfaction has been the main driving force for the advancement of Headless Technologies Limited. Keeping client priorities ahead of everything else, we design and develop the solutions of their preference in reality.

Headless Technologies was formed back in **December 2018** by four **BUET graduates** in room no. 3202, Shahid Smrity Hall, BUET. We did our first job as a freelance team from that room. After that, we started our journey February, 2019 renting an office and acquiring a trade license. As a startup, we didn't look for seed or growth capital from investors, rather we self-funded and bootstrapped ourselves through hard work. And we, as a team, are proud to have the guts to penetrate directly into this vast market believing in our skill

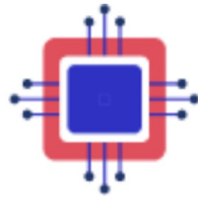
Our Clients Our Identity



Our Services



**Web & Mobile
Application Design &
Development**



**IoT & Embedded
Systems**



**Artificial Intelligence &
Machine Learning**

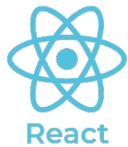


Computer Vision



**Natural Language
Processing & Chatbots**

Tech Stack





Product 1:

Diva: Sanitary Napkin Vending Machine

www.diva.com.bd



22 Districts
43 Upazila



800+
Machines



850K+
Pad Dispensed



270K+
Beneficiaries

How Diva Works



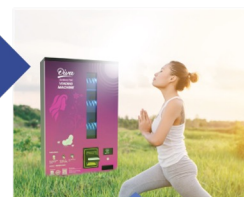
Insert a 10 taka note **or** Scan QR to Pay online **or** scan RFID student ID card .

Diva So Far Fulfilling SDGs



03

GOOD
HEALTH



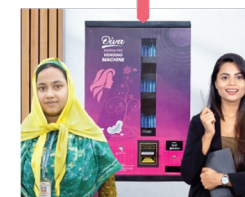
04

QUALITY
EDUCATION



05

GENDER
EQUALITY



10

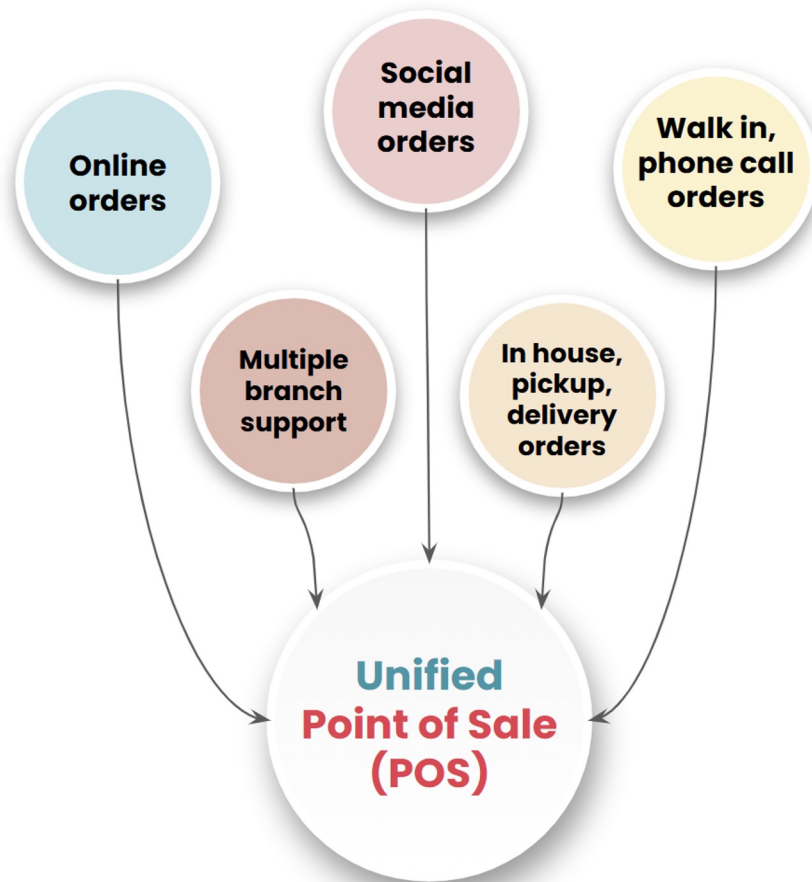
REDUCE
INEQUALITY



Product 2

AI Powered Restaurant Management Software

www.engaze.ai



Our partners



foodpanda



SteadFast
Courier



pathao



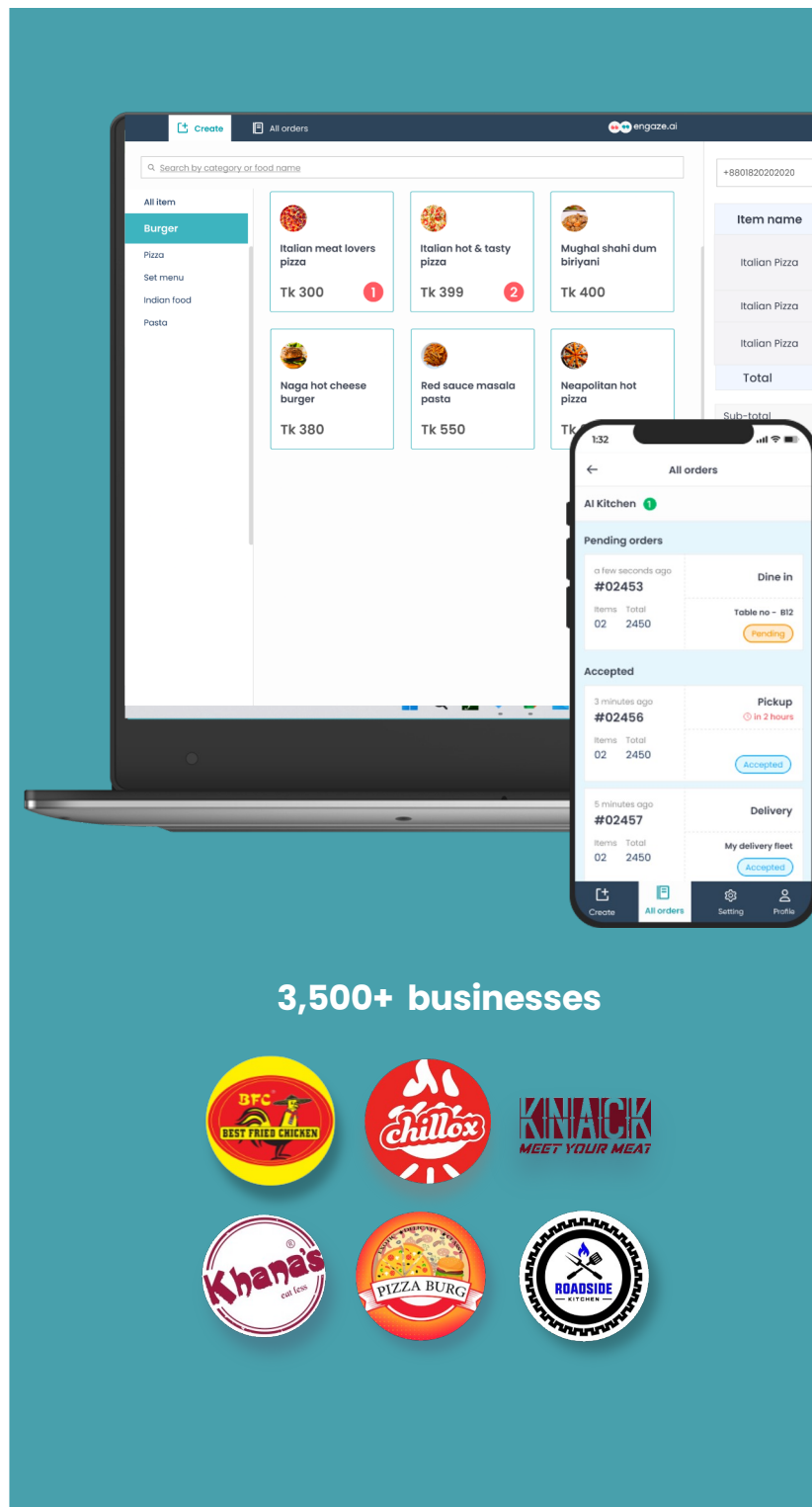
bKash



SSLCommerz



aamarPay™
empowering your business



3,500+ businesses





Product 3:

Hydro Sense: Piezometer

Smart Real Time Groundwater Monitoring Solution

How Piezometer Work

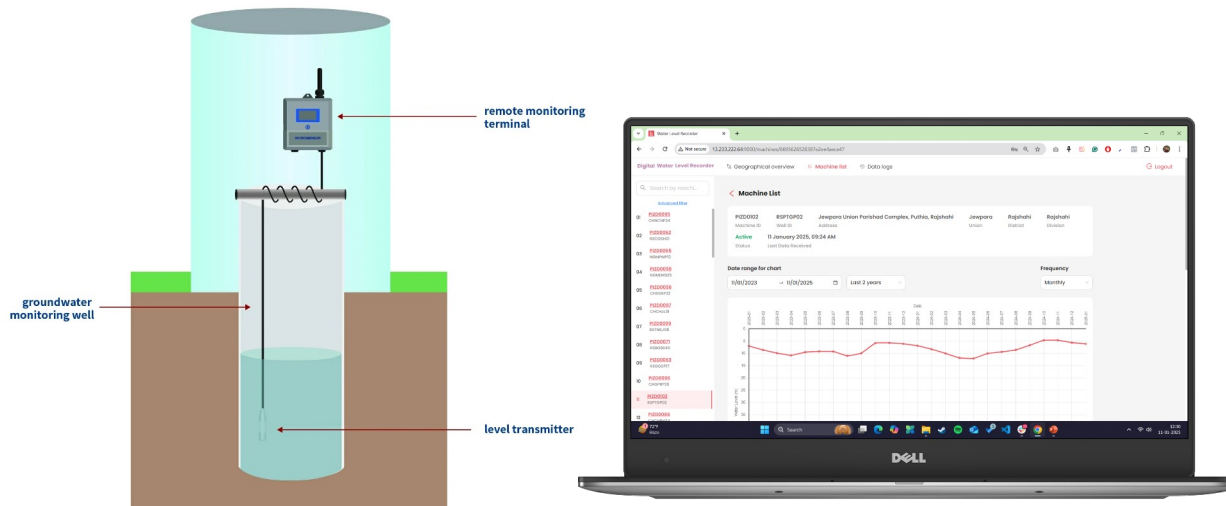
Probe with sensors stays in well.

Probes Sense Water level, Salinity, TDS, pH

Terminal Device calculates Water data

Terminal Device sends Data to Server

Central Dashboard shows analytics

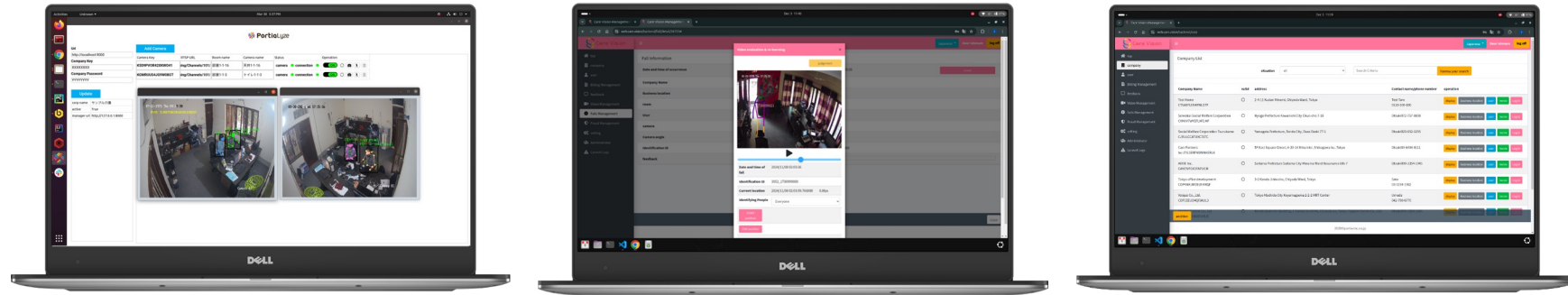


WARPO
পানি সম্পদ পরিকল্পনা সংস্থা

Has installed 50+ Devices
Fully automated Logging

Project 1:

AI-Powered Video Surveillance and Notification System for old age homes in Japan



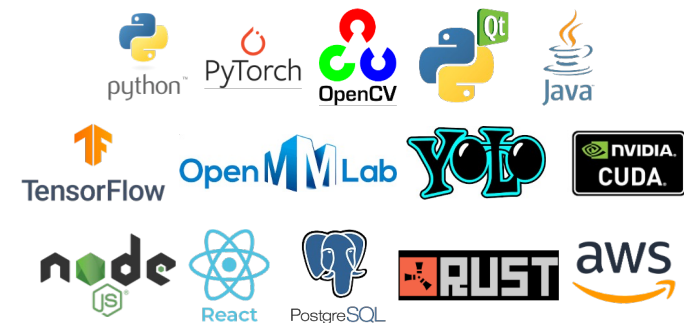
Project Overview

This system is designed to improve safety in old age homes in Japan by detecting falls, abnormal behavior, and accidents among elderly residents. Many elderly individuals in these facilities live alone with limited supervision, increasing the risk of unnoticed accidents. The system analyzes CCTV footage in real-time and sends notifications to the proper authorities when an incident occurs, enabling faster response times. By automating monitoring, it allows caregivers to focus on personal care.

Impact

Old age Home	Camera Serving	Lives Saved
12 in Japan	1000+	27

Technology Used



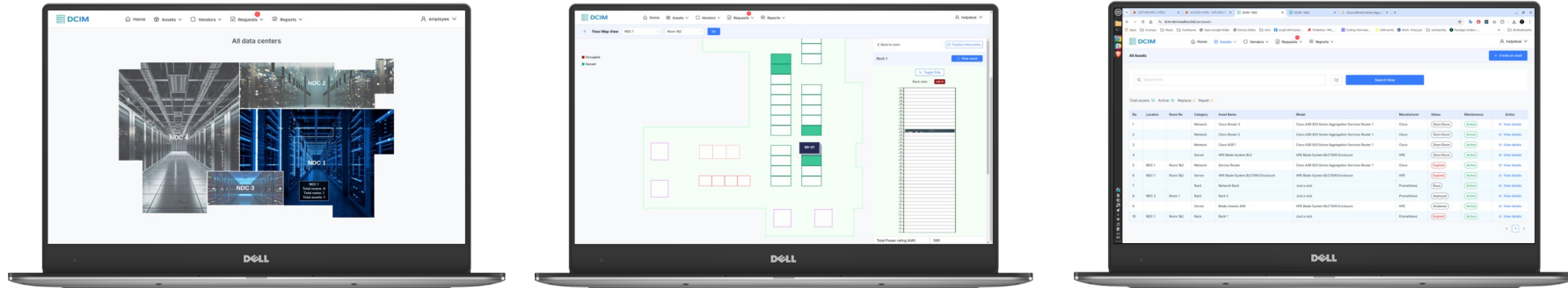
Client & Value



Project Value	Duration
USD \$250K+	3 Years

Project 2:

Data Center Infrastructure Management (DCIM) System for National Data Center at BCC



Project Overview

Throughout this, we built specific software solutions designed for BCC (Bangladesh Computer Council) to provide a comprehensive view and management of the physical infrastructure components within a data center. These components include servers, storage, networking equipment, power distribution units (PDUs), and cooling systems. DCIM software aims to optimize the performance, efficiency, and reliability of data center operations. Some Feature of this system is given below:

- Asset Management and Capacity Planning
- Lifespan, vendor, purchase, cost info of all assets
- Realtime monitoring with alerts
- Data visualization and Reporting
- Incident, Event, Fault detection and management
- Integration with other systems
- Security and Internal Compliances

Client & Value



Project Value
USD \$45K+

Duration
6 Months

Impact

Manhour Saved
4Hr/day

Asset Managed
1000+

Technology Used



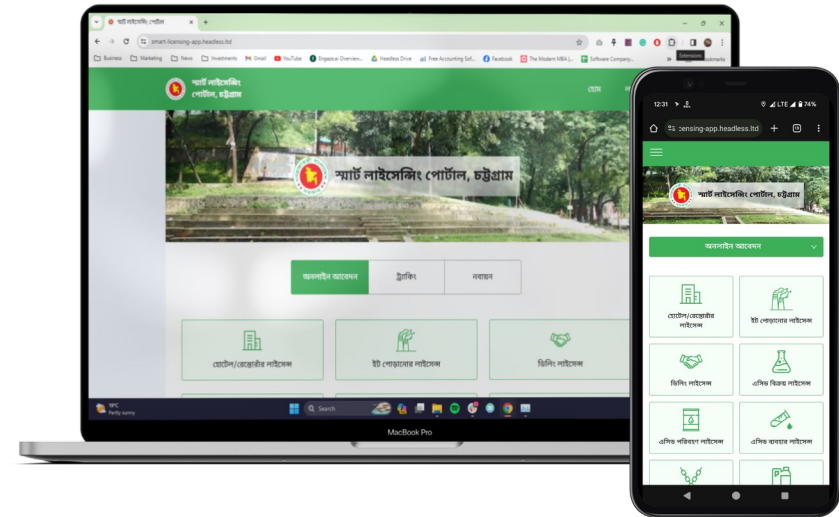
Project 3:

Development of Smart Licensing Web-based Online App for Chattogram DC Office

In the era of digital transformation, the Chattogram District Commissioner's Office is spearheading an innovative initiative with the development of a Smart Licensing Web-based Online App. This forward-thinking application is designed to streamline and modernize the licensing processes, fostering efficiency, transparency, and accessibility for both citizens and government officials. We are developing this web-based software solution. We have integrated the **Ekpay (a2i)** payment gateway to facilitate the payment of VAT and Income Tax, in a **single-user transaction**. A user can perform the following types of **licenses**, **registrations**, and **renewals** in different sectors:

- Hotel/Restaurant License
- Brick-burn License
- Dealing License
- Acid Use License
- Acid Transport License
- Acid Sales License
- Formalin Sales and Distribution License
- Formalin Use License
- Formalin Transport License

Link: <http://13.126.157.12:8111/>



Impact

Manhour Saved	License Created
100Hr/Month	500+

Client & Value



Project Value
USD \$22K+

Duration
4 Months

Technology Used



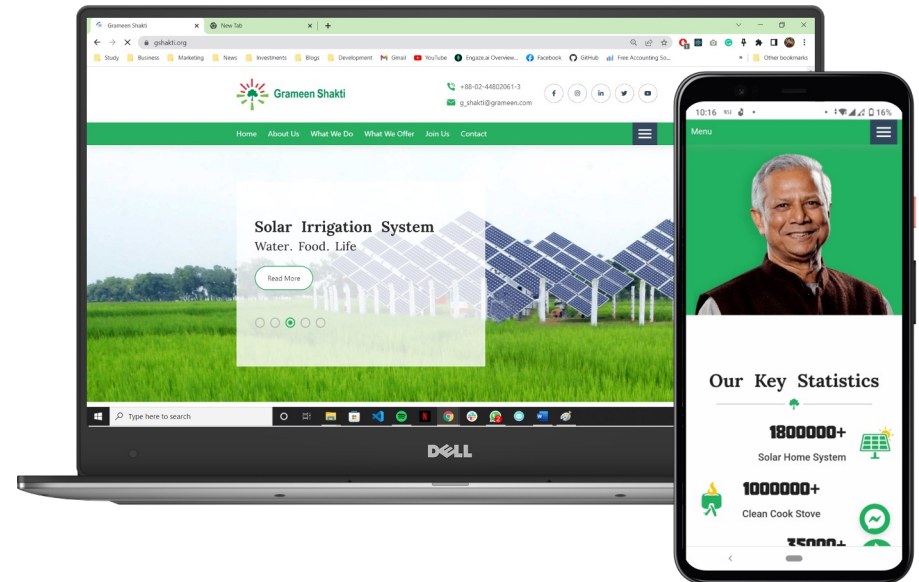
mongoDB®

Project 4:

Grameen Shakti Official Website

Grameen Shakti is one of the leading social enterprises in the world, founded by Nobel laureate Professor Muhammad Yunus, with an aim of improving “Access to Energy” for the rural people of Bangladesh. We provide Sustainable Renewable Energy solutions with the objective of socio-economic development, empowering women, creating green jobs, alleviating poverty, reducing GHG emissions and building up a healthy community. We designed and developed the website of this noble organization with features given below:

1. Unique Responsive website
2. Can be completely controlled from dashboard
3. News, media, and social media updates can easily maintained
4. Job offerings and application taking module etc



Impact

Monthly Visit

50K+

Client & Value



Duration
8 Months

Technology Used

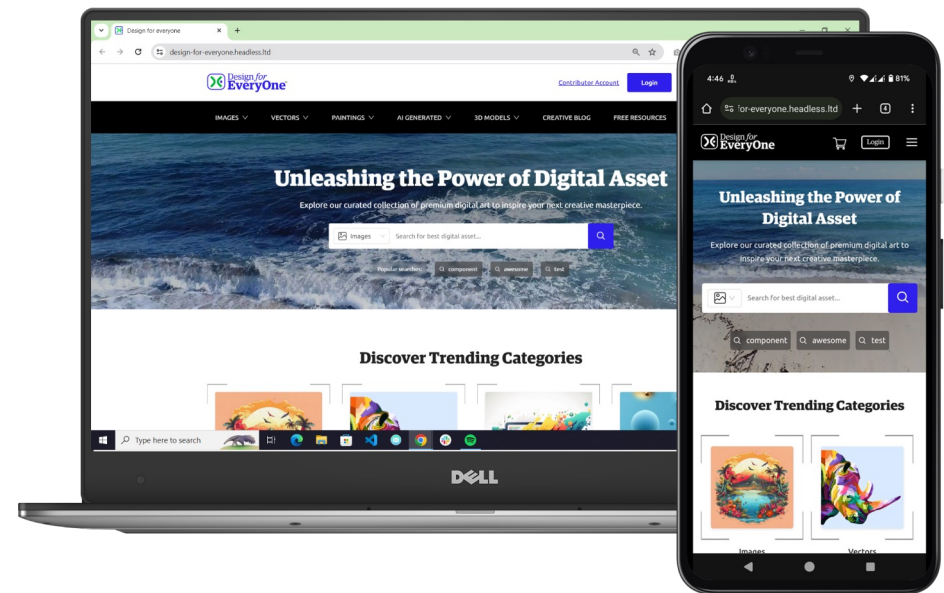


Project 5:

Development of a web-based application and Mobile “Design for Everyone”

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1. Unique Responsive website
2. Can be completely controlled from dashboard
3. News, media, and social media updates can easily maintained
4. Job offerings and application taking module etc



Client & Value



Project Value
USD \$18K+

Duration
6 Months

Technology Used

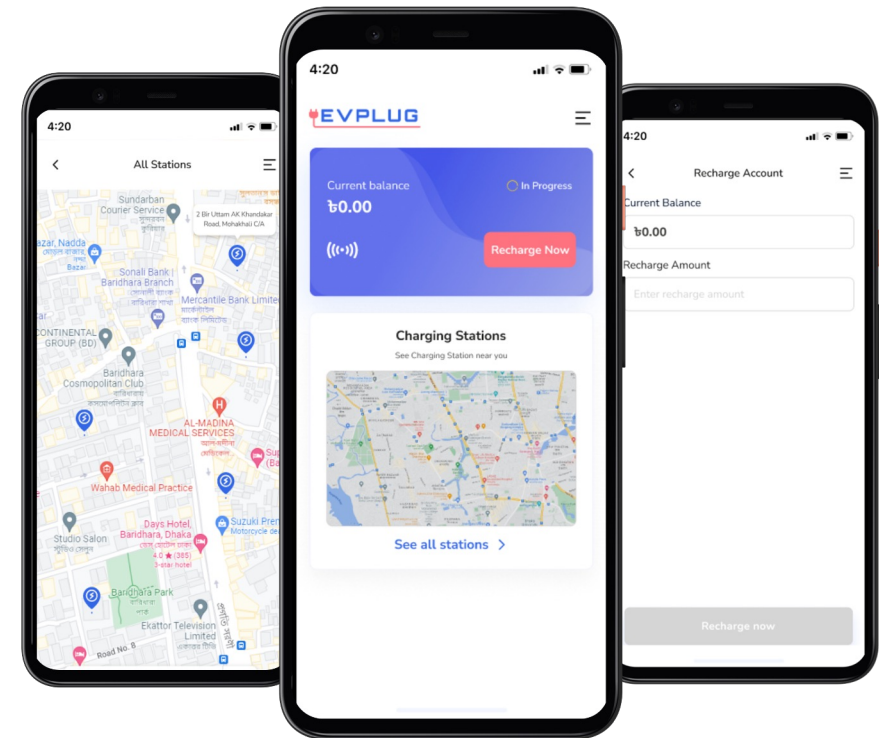


Project 6:

EV Charging Station Client Mobile App

Halkon Tech LTD is a prominent Electric Vehicle and Battery manufacturing company in Bangladesh. Now they want to establish an Electric Charging station for any kind of electric vehicle. That's why they need a consumer App for a proper billing method and we will be developing the mobile app. Which features are given below:

1. Customer Profile management
2. Buy Credits with online payment methods
3. Use credit to charge EV on an hourly basis
4. Payment and credit history
5. Finding EV charging stations on google Maps
6. Proper notification on Stations
7. Fine security & protect fraudulent activity



Client & Value



Project Value
USD \$20K+

Duration
6 Months

Technology Used



mongoDB®



Project 7:

Visual Acuity Tester Device

To check eyesight primarily of an eye patient this device is an excellent tool for eye specialists. It's a low-cost, lightweight device with a marvelous display. We develop this device for Lasso Enterprise, a reputed medical equipment supplier in Bangladesh.

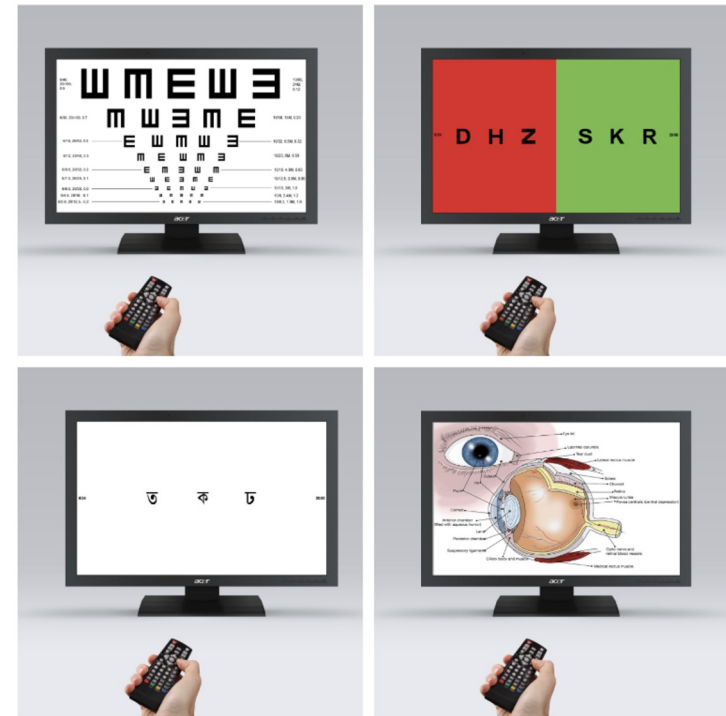


Client & Value

Project Value	Duration
USD \$400K+	3 Years

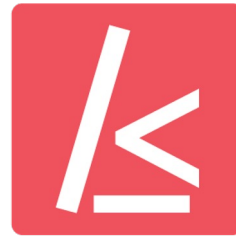
Impact

Devices Installed	Doctors Engaged
1000+	600+



Technology Used





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