eQUADRIGA

Trusted Partner for your Digital Transformation

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1 About eQuadriga

Reputed software outsourcing and offshore development organization in Trichy with 23+ years of experience in the market

We have branches in Bangalore, India, and Hannover, Germany

100+
Professionals

500+
Clients

2500+
Projects

Hannover, Germany

Bangalore, India

Trichy, India

23+ Years of Excellence

2022

eQuadriga expanded the footprint

eQuadriga expanded the footprint in the USA, Germany and rest of Europe

2018

eQuadriga started in Germany

Moving ahead to reach new milestones

2008

eQuadriga became independent

Aimed to reach new horizons in IT industry.

2003

Acquired by GFT Technologies, Germany

Became GFT's Offshore development center

2000

Inception

A leading software outsourcing & offshore development company originated to cater Klett group, Stuttgart, Germany.

Client installations powered by eQ Smart City Solutions

Value proposition

Quality IT partners for your business

Experience
Proven Track Record of 23+ years of serving the German Market

Intercultural Training
Intercultural Training is imparted to all our employees

Office
Office in Hannover, Germany

Attractive Pricing
Attractive pricing through various working models

GDPR Compliant
One of the few GDPR Compliant software companies

No Extra Cost
Source code along with Project Deliverables at no extra cost

Business Analysts
Business Analysts are in Germany

Development Approaches
Experienced in waterfall and Agile methods of software development

Quality Software Specialists
Quality Software Specialists from India (Bangalore & Trichy)

Expert Teams
Quality software engineers supported by able UI/UX designers & quality testers

Competencies

Offshore application development & maintenance

Custom web & mobile app. development

eCommerce

Remote infrastructure management

Software testing services

Microsoft solutions - BI, CRM, Sharepoint & Azure

IT staffing solutions

Digital marketing

Software products

Technology skills

We have deep expertise in the following technology platforms

☐ Microsoft

.NET Core, .NET Framework 4.x, C#, ASP.NET, SignalR, ADO.NET, WPF, WCF, SSIS, Azure, Dynamics 365 & SharePoint

☐ Java/JEE

Java/JEE – Spring boot, Jasper reports, Swing, JSP, JSF, EJB, Struts, Hibernate, JBoss, Tomcat, WebLogic & WebSphere

☐ Business Analytics

Power BI, SSRS, Crystal Report

☐ Database

MySQL, Microsoft SQL Server, Oracle 11g, PostgreSQL, MongoDB

☐ Mobile

iOS, Android, Windows, Flutter, Kotlin, React Native, Ionic

☐ Web Technologies

HTML, CSS, JQuery, PHP (Laravel, Kohona), ReactJS, JavaScript, Angular

☐ CMS

WordPress, Drupal, Day Communiqué & Magnolia, Magento, TYPO3, Squidex headless CMS

☐ eCommerce

Magento, WooCommerce

☐ Workspace/Search engine

Apache Confluence, Apache JIRA, Apache Kafka, Algolia

⑥ Technology skills - Microsoft

PowerApps

PowerAutomate

PowerBI

Power Platform

Dynamics 365

Sales

Marketing

Office

.Net

Microsoft.NET

Core Services

Microsoft

Azure Services

DevOps

Dataverse

Client: **Thieme**

Project: **Dynamic 365 for e-Publishing business**

- An international medical and science publisher serving health professionals and students for more than 125 years.

- Thieme publishes the latest research findings, advocates medical education and is known for the high quality and didactic nature of its books, journals, and electronic products.

- Trusted partner for digital transformation and modernization initiative starting with implementation of Microsoft Dynamics 365 Customer Engagement, in Germany followed by rollout worldwide.

- Enabled the Institutional Sales Division in Stuttgart, Germany go live with its traditional sales processes and methodologies configured and modernized on world-class Dynamics CRM.

- Full process implementation of Dynamics 365 Sales for 100+ users

- Customer and Opportunity Data load from disparate sources

- Custom-developed features for Orders and Contract Management

- Power BI platform for visualizations and reports

- Cloud adoption of Dynamics 365 and Dataverse

- Adherence to strict IT and Data Security rules in compliance to GDPR

- Website visitor data monitoring through Azure Data Store

- Master Data Management through Kafka and Stibo

- Implementation of PowerApps and Power Automate solutions

- Teams Chat and Telephony integration

- Periodic semi-automated product master loads from ERP

Project: **Case App**

- This app helps practicing doctors to learn about the newest diagnostics and principles of the medical therapies by macula disease.
- Users can use the app in the online as well as the offline mode after signing in.
- Due to the fact that the app is only for specialist in this section, the app includes a "Doc Check Login" with the corresponding library in the background and can only be used by members.
- On the basis of case examples, attending physicians receive an overview, extensive information and the principals about the treatments of Macula.
- Through the interactive processing of the content, practical and theoretical aspects are viewed simultaneously.
- Users can bookmark the pages and zoom into images for more details.
- On some topics, questioners about the symptoms can be found, based on the answers more details will be shown about the given case.
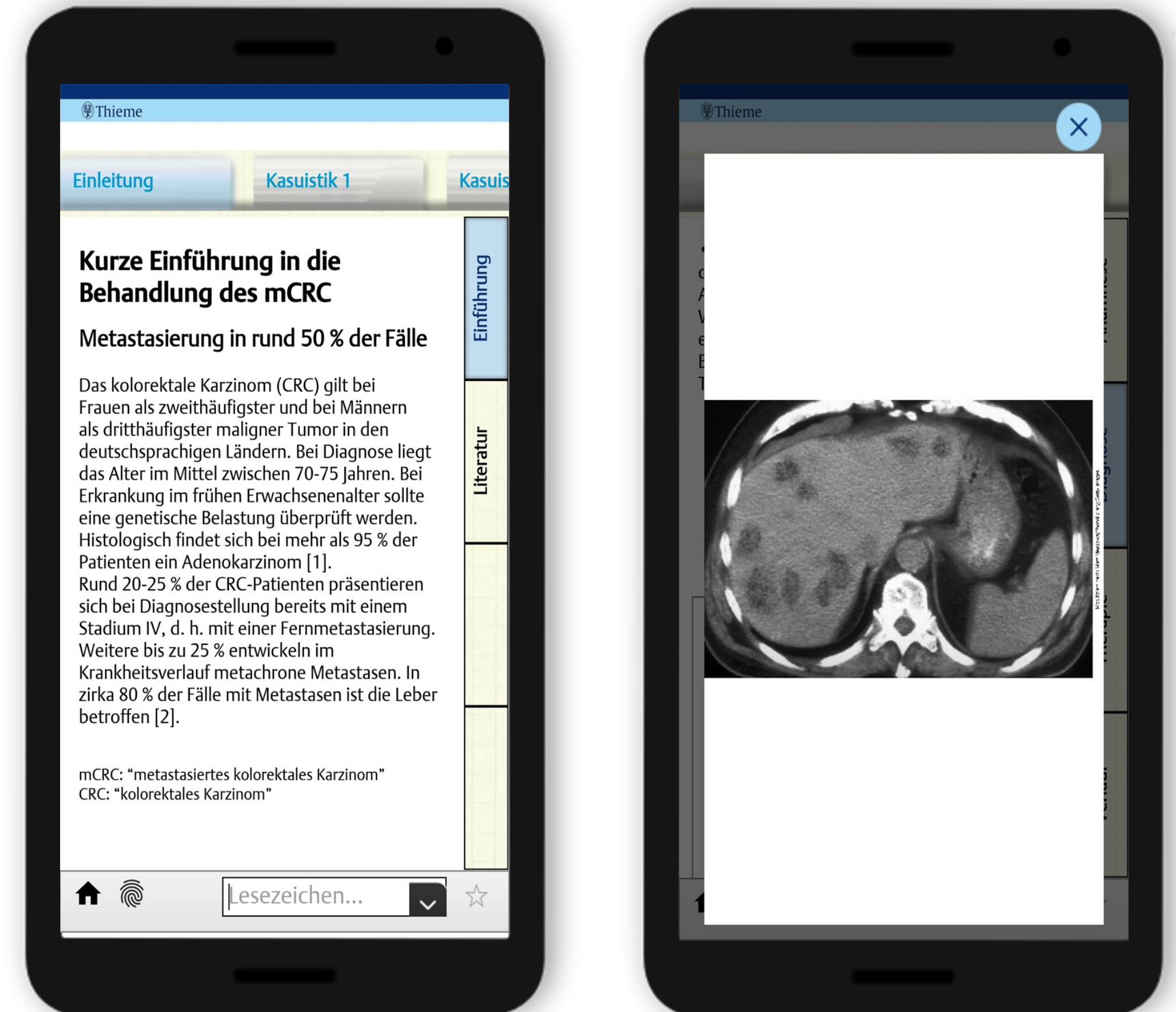
Project: **BI Implementation for Global Legal Service Provider**

- Global law firm with practice across sectors in more than 40 countries to deliver legal advice

- Using a vertical solution on Dynamics 365 for legal practice

- German subsidiary of eQ has been engaged by the law firm

- Primary goal is to refine Microsoft Power BI reports

- Implemented changes in Main KPI dashboards using Microsoft Power BI

- This covers important dashboards of their business including risk dashboards

Project: **Nitelog**

- Nitelog is a mobile app companion for the breathing device - CPAP

- It is an IoT based application that wirelessly syncs breathing device sleep data to an iOS or Android device to analyze or share.

- Uses of the app:
  - ✓ To control the breathing device,
  - ✓ monitor sleep quality on beautiful charts,
  - ✓ generate compliance reports and
  - ✓ share data with your healthcare provider.
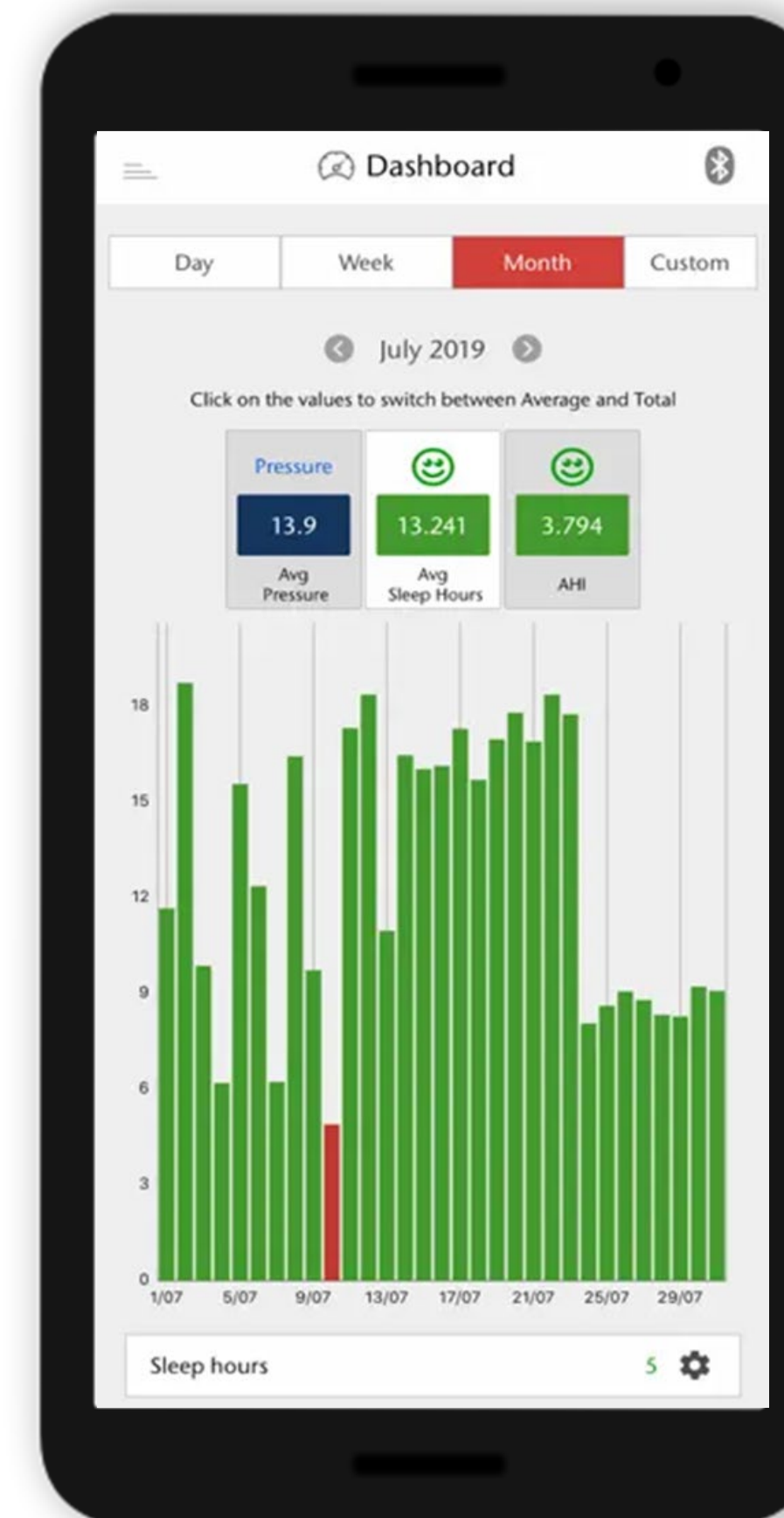
Client: **emagine**

Project: **Dynamic 365 for Resourcing**

- Implemented a custom version of Dynamic CRM 365 for emagine business consulting group in Europe.

- Primary goal of the project is the automation of the business process in resourcing group with Dynamic 365.

- Integrated the "Jobs posting" in eight different European region-specific Job portals and implemented a centralized CV application emails processing workflow with tracking in Dynamics 365 online and forwarding to recruiters.

- Our CRM Implementation is identified by Microsoft as one of the largest volumes of data in Germany in 2011. [Approx.. 6.5 GB of data to CRM and SharePoint].

- Covered migration of existing business process in legacy system and data from Oracle DB to MS CRM with SharePoint and SQL Server.

- The latest resourcing business sales automation has helped the customer to leverage to the next level in the ROI with Dynamics 365 online customization and SharePoint in Azure with CV search functionality.

- Created various reports to cover all KPI's of business and tracking of the activities.

- Additional features includes performance reporting of Sales and delivery teams using MS Power BI.

- Implemented the "Jobs Hub" to integrate different European region-specific job portals.

Client: **Global Electric control and diagnostic device manufacturers from Russia**

Project: **Client Portal and Mobile app with IOT connectivity**

- Manufacturer of Innovative Instruments for monitoring and diagnostics of electrical equipment from Russia.

- Android based mobile application connecting to cloud hosted web portal.

- The mobile app connects and receives measurements data from the IOT controller hosts embedded in the instrument clusters.

- The data from mobile app is uploaded to the web portal and is used by many downstream applications for customer use.

- Mobile application calculates measurement from data taken from the electrical instrument device. The data are transmitted to mobile app via Bluetooth.
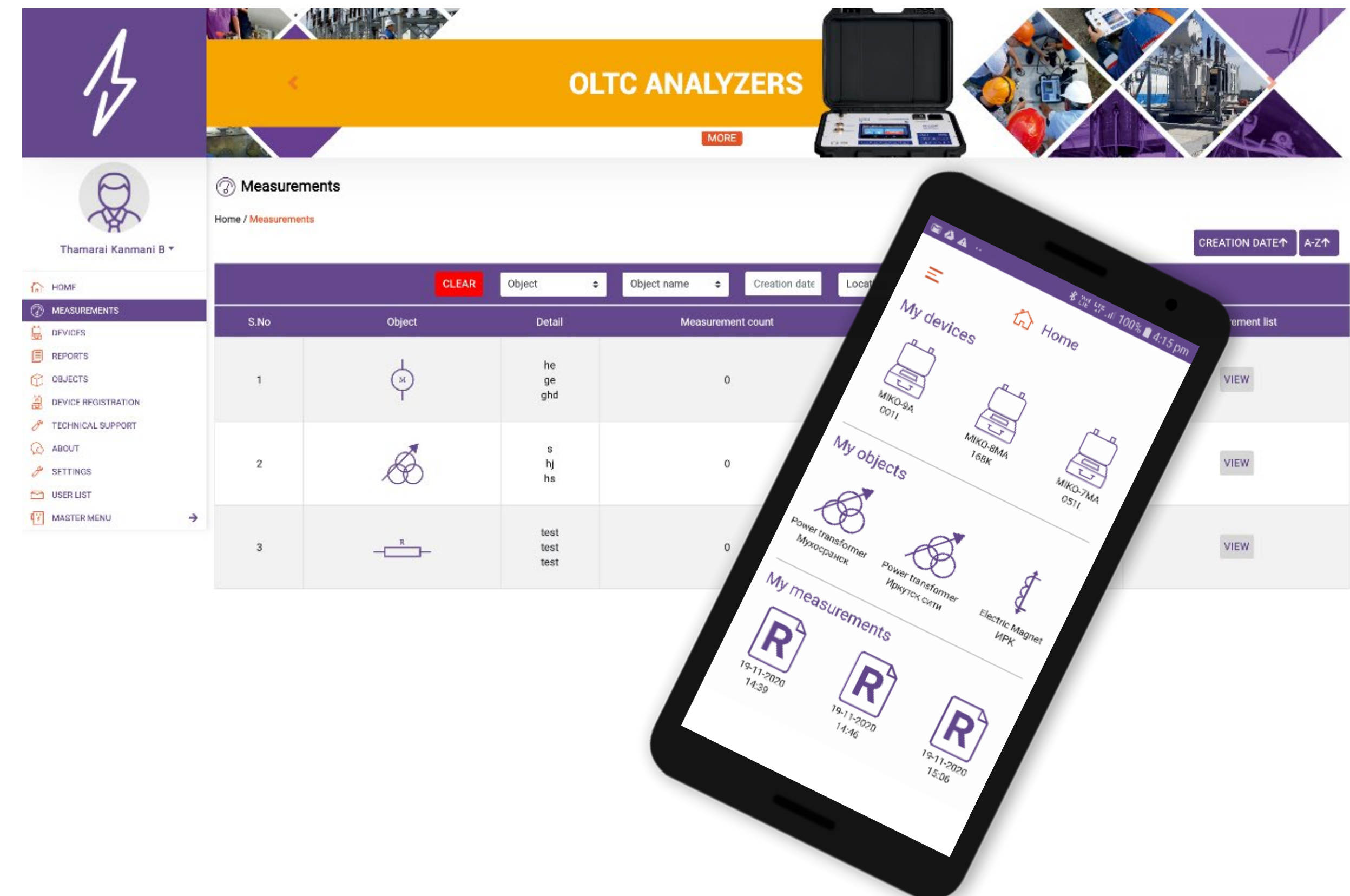
Project: **Content management system for livestreaming**

- Developed a robust content management platform used by medical students, doctors and specialist surgeons.

- The technology platform implemented in both in mobile and web application is used for online courses in which surgeons demonstrate characteristic surgical procedures of their discipline on anatomical specimens.

- The contents of both chat and video streams are transmitted live via internet stream.

- Technology used includes TYPO3 CMS, NodeJs, MySQL, custom extensions, livestreaming service 3Q + chat socket.io, video/media gallery with progressing bars.

Project: **e-commerce web shop development**

- Developed and implemented a customer friendly ecommerce website for a family business owned engineering enterprise in Germany.

- Customer is a reputed business with a rich 90 years history in the market of saw blades, tools and accessories

- The web shop was developed in Magento ecommerce engine. <u>Features</u>: Online search and buy, payment gateway, trusted shop, product filters, category, subcategory classifications and online purchase of various categories of products with unique attributes (like dimension, configurable length range etc.).

- The web shop is GDPR compliant.

- Customers details and order detail are synced with the backend ERP – Sage 100 in a scheduled automatic batch process.

# Project: **Energy Consumption Calculator cum Analyzer App**

- Developed this application for EnBW, Germany.

- The application allows the consumer to do energy consumption calculation.

- Using this application user can select the types of energy sources they are planning to consume and the percentage of the usage along with its prices.

- Once user selects the energy sources and what they plan to consume, the total price, and total unit of energy consumption and average unit price, all are automatically calculated by the app and the entire detail is sent as an e-mail to the consumer. So, they can effectively utilize the energy source for their home / business.
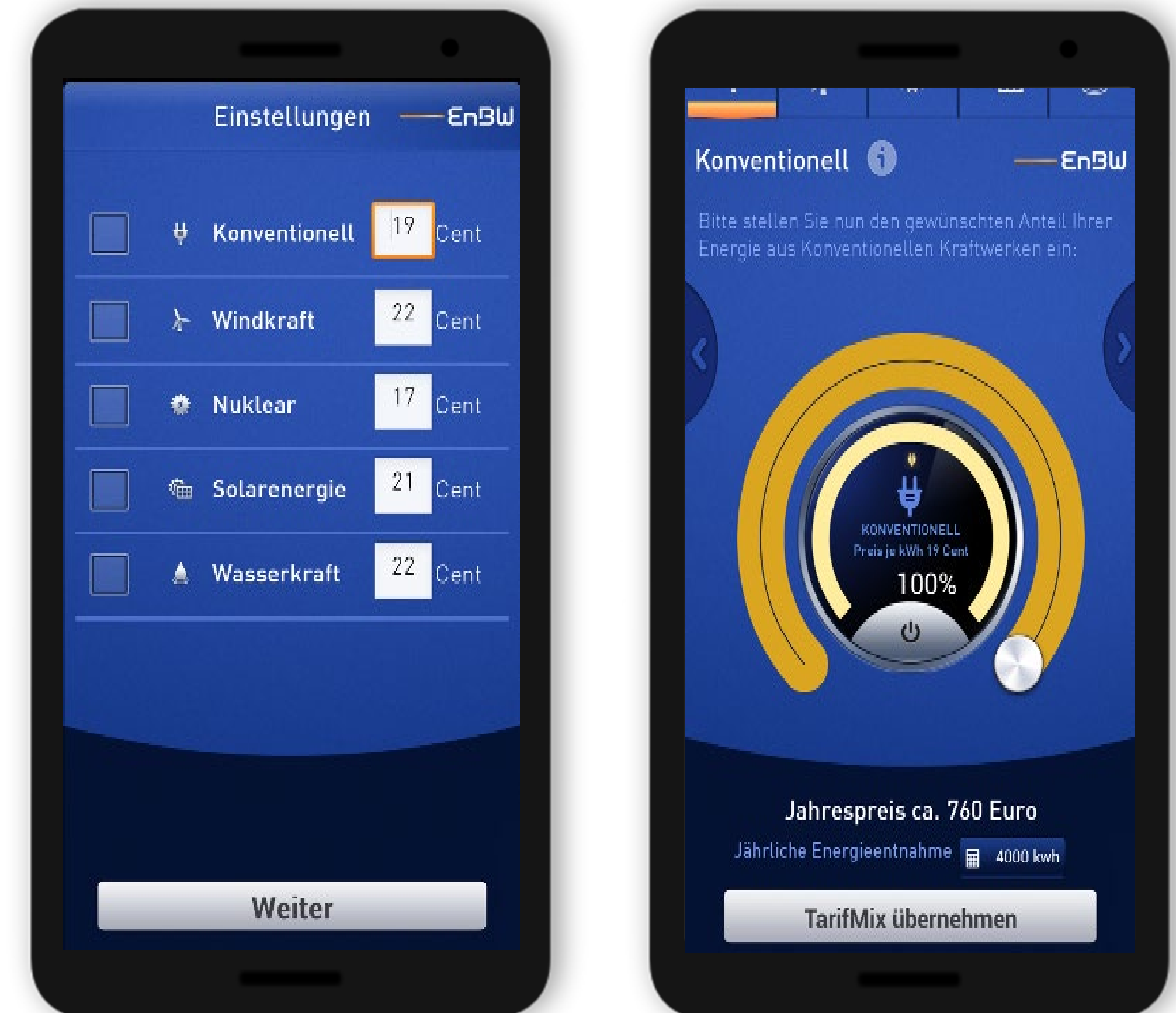
Project: **Smart City Solution**

- Smart Trichy app suite provides city residents of Trichy to communicate directly with the city corporation officers to solve their issues and make all citizens to know what is happening in the city through a mobile app.

- City residents can
  - ✓ Request free saplings
  - ✓ Share & view plogging activities
  - ✓ Report issues
  - ✓ Know latest news & events
  - ✓ Get access to emergency contacts

- The app has provisions to scan a QR code sticker to track the waste collection by city corporation at home level.
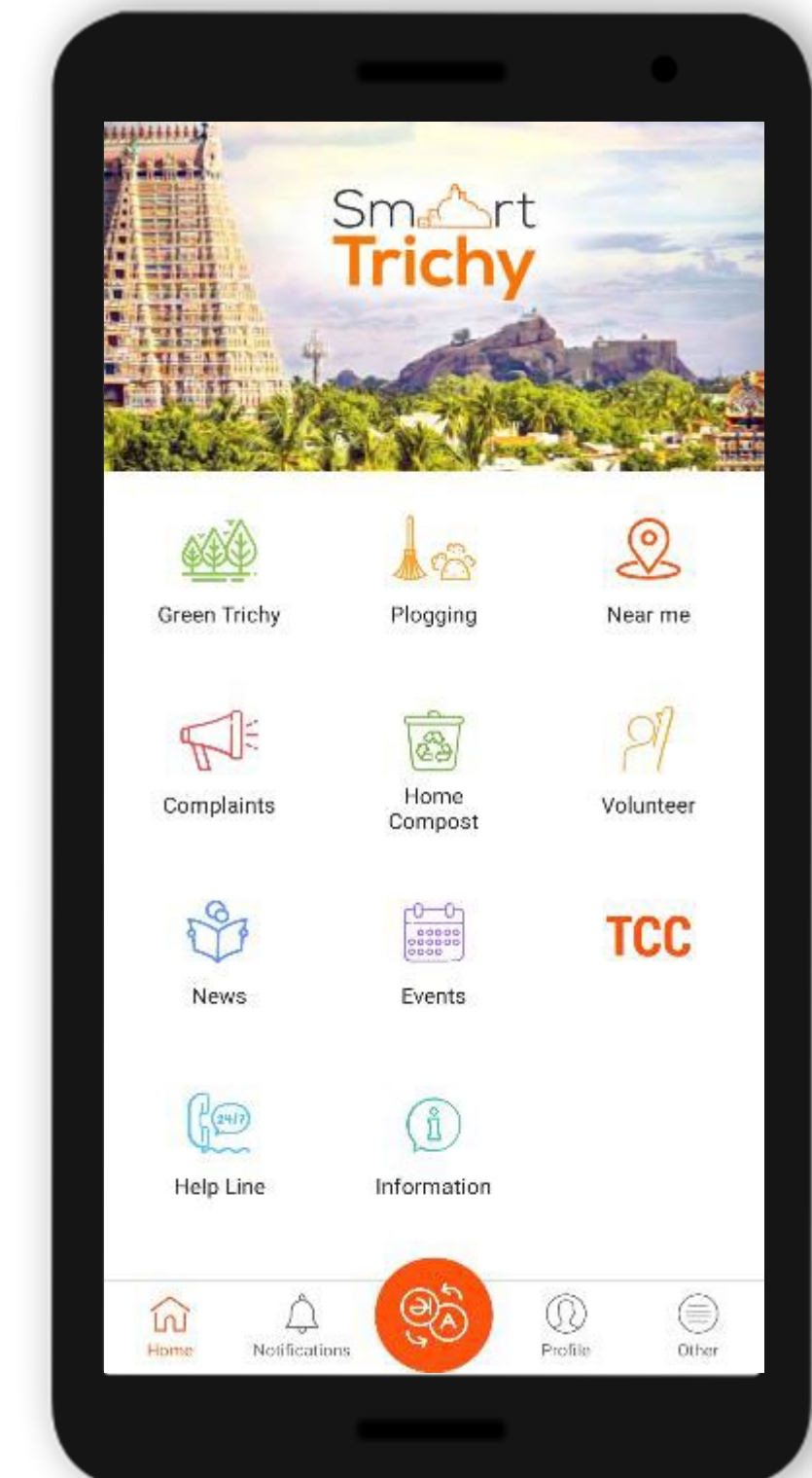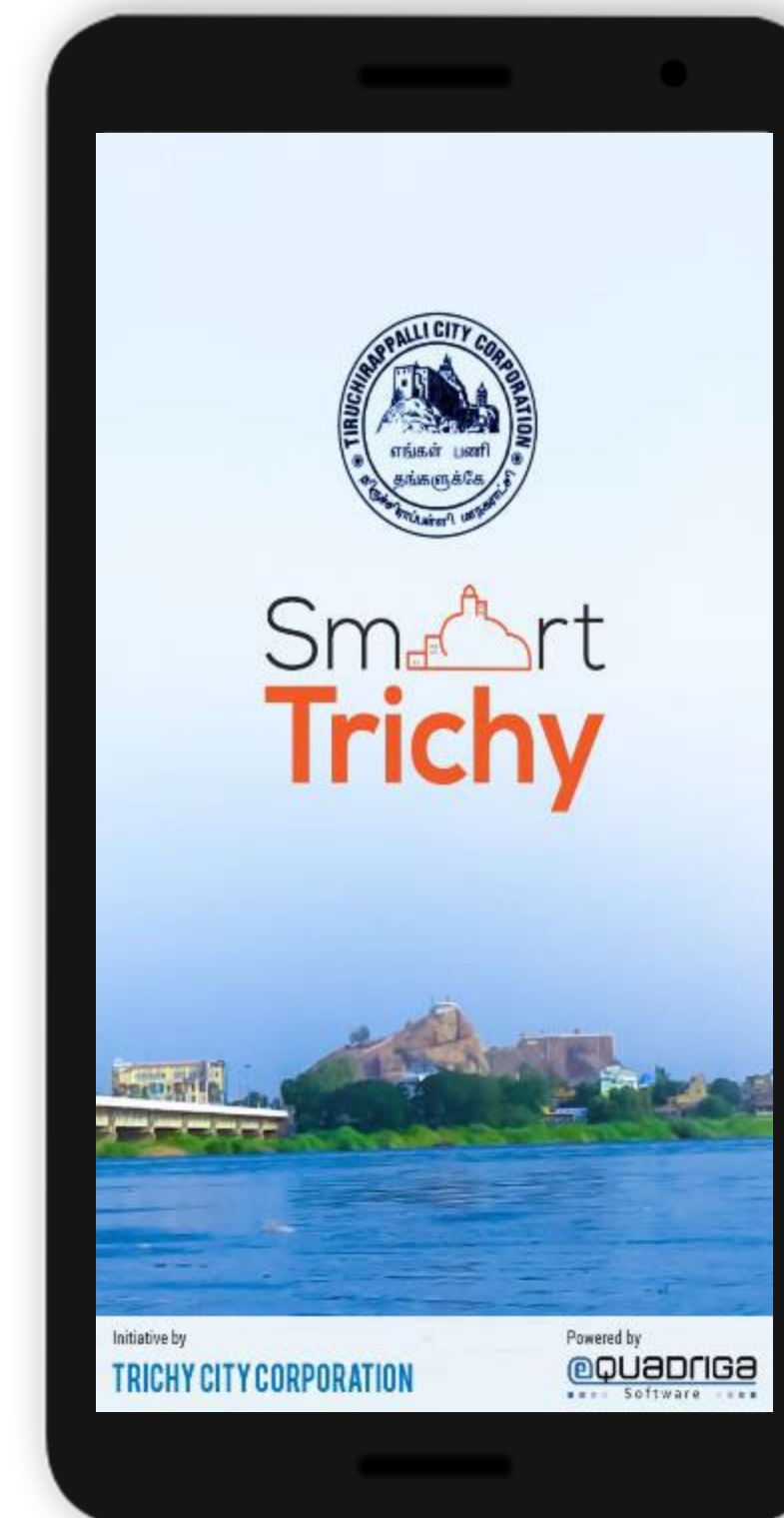
Project: **Biometric Attendance app for field staff**

- This mobile and web application is developed for managing biometric attendance information of a large number (1000+) of city corporation sanitary staff.

- Integrates all the stakeholders from city commissioner to field staff in a smart cloud hosted server and a mobile connected biometric scanner device.

- The attendance data is captured in a remote field location using a selfie photo using a smartphone and fingerprint data through fingerprint scan device.

- A live record of how many and which staff are working in what locations at any point of working day is provided in a dashboard apart from regular daily/weekly/monthly attendance data through WhatsApp messages/emails.
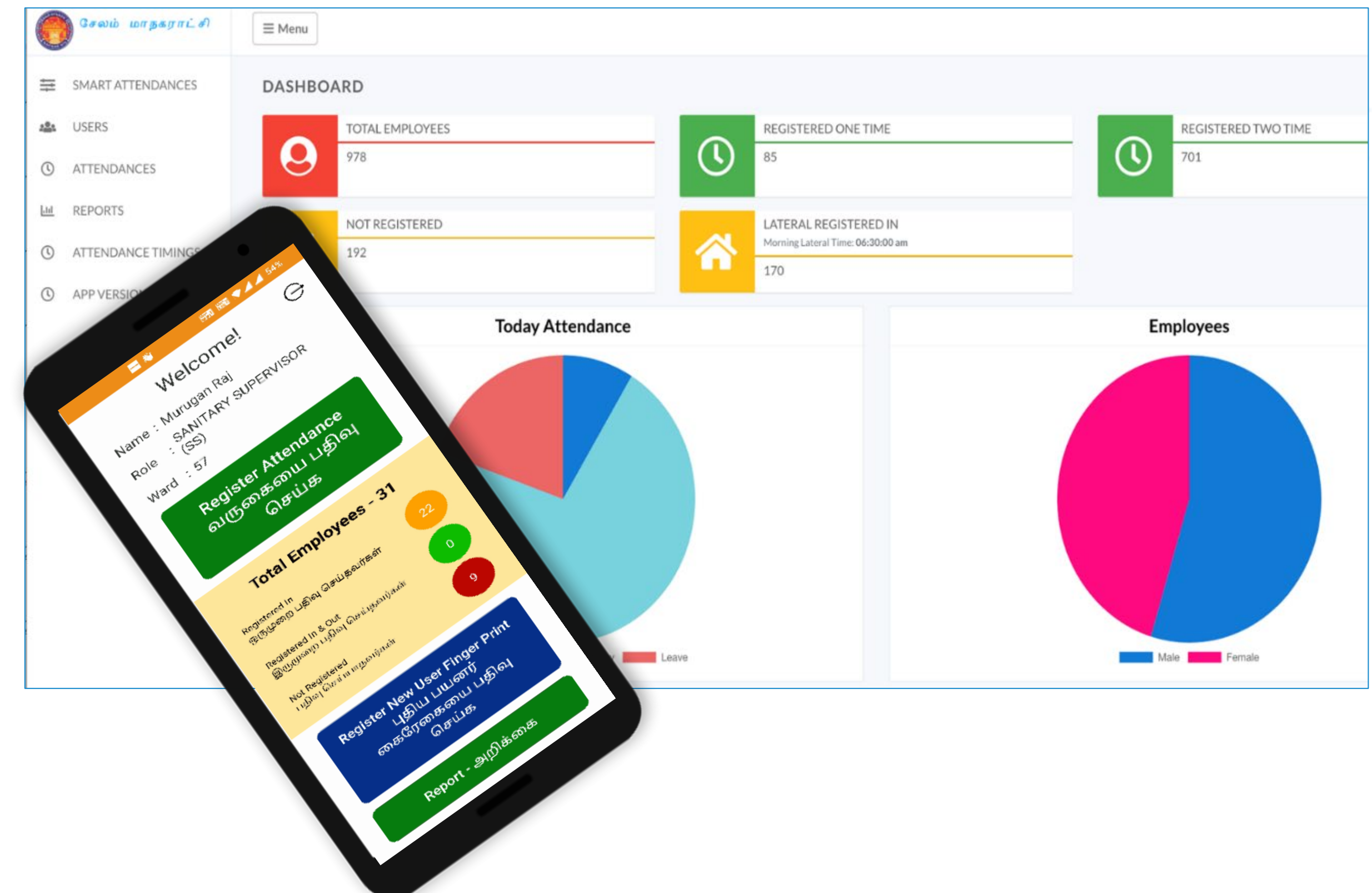
Project: **eQ-ERP implementation**

- Implemented a manufacturing/production line ERP covering the production, quality control and material management for the manufacturing process.

- The customized workflow processes in the application covers the entire business life cycle including
  - ✓ purchase indent
  - ✓ issuance of stock from stores department
  - ✓ raw material purchase from supplier
  - ✓ payment
  - ✓ calculating power consumption based on reading from power grid /local power generator
  - ✓ production plan from sales department
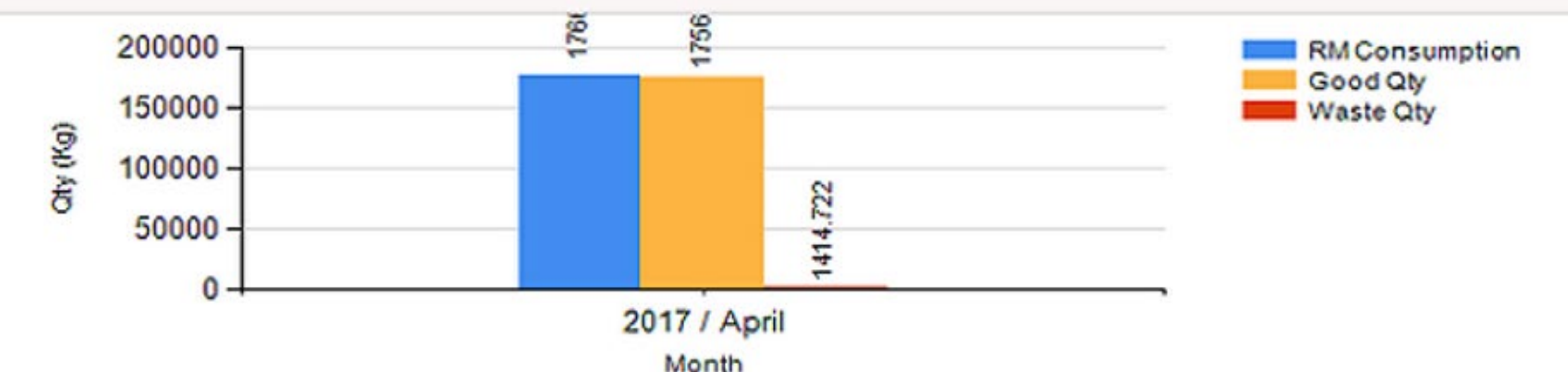 - ✓ production detail in work shift basis with wastage details

Project: **eQ-HRMS implementation**

- This comprehensive HR product covers
  - ✓ the core workflow of employee information system
  - ✓ attendance management
  - ✓ work shift management
  - ✓ leave management and payroll management
  - ✓ statutory legal requirements of state and federal governments including labor regulations

- Biometric based attendance information system integrated with fingerprint/iris scanners covers the workflow of payroll processing with leave/attendance information.

Attendance Summary Report

01-Nov-2012   To   10-Nov-2012

EmployeeName	Status	In Time	Out Time	Duration	OT	Late By	Early Going	Remarks
0018- Team Member 1	PRS	06:25:40	14:46:13	08:21	00:00	00:25	00:00	
0019- Team Member 2	LV / PRS	14:05:19	21:43:22	07:38	00:00	00:05	00:00	
0025- Team Member 3	PRS	13:53:11	21:43:15	07:50	00:00	00:00	00:00	
0027- Team Member 4	PRS	06:19:10	14:42:25	08:23	00:00	00:19	00:00	
0028- Team Member 5	W-Off	00:00:00	00:00:00	00:00	00:00	00:00	00:00	
0029 Team Member 6	W-Off	00:00:00	00:00:00	00:00	00:00	00:00	00:00	
0032- Team Member 7	PRS	06:15:51	14:16:37	08:01	00:00	00:15	00:00	
0033- Team Member 8	PRS	13:58:57	21:38:42	07:40	00:00	00:00	00:00	
0038- Team Member 9	PRS	21:34:57	06:33:32	08:59	00:00	00:04	00:00	
0039- Team Member 10	WVR / PRS	06:10:49	14:06:36	07:56	00:00	00:10	00:04	Within limits
0040- Team Member	PRS	06:18:57	14:43:02	08:25	00:00	00:18	00:00	

Client: **Credo** Health

Project: **e-Health care solution**

- An iOS Mobile application for the members to monitor their health by connecting to external devices like
- Blood pressure meter,
- Weight machine and
- Fitbit devices.

- Patients can view their data in graph and daily activities are assigned to them.

- Based on the inputs their health will be monitored by health care professionals and treatment is carried out.

Client: kauvery hospital
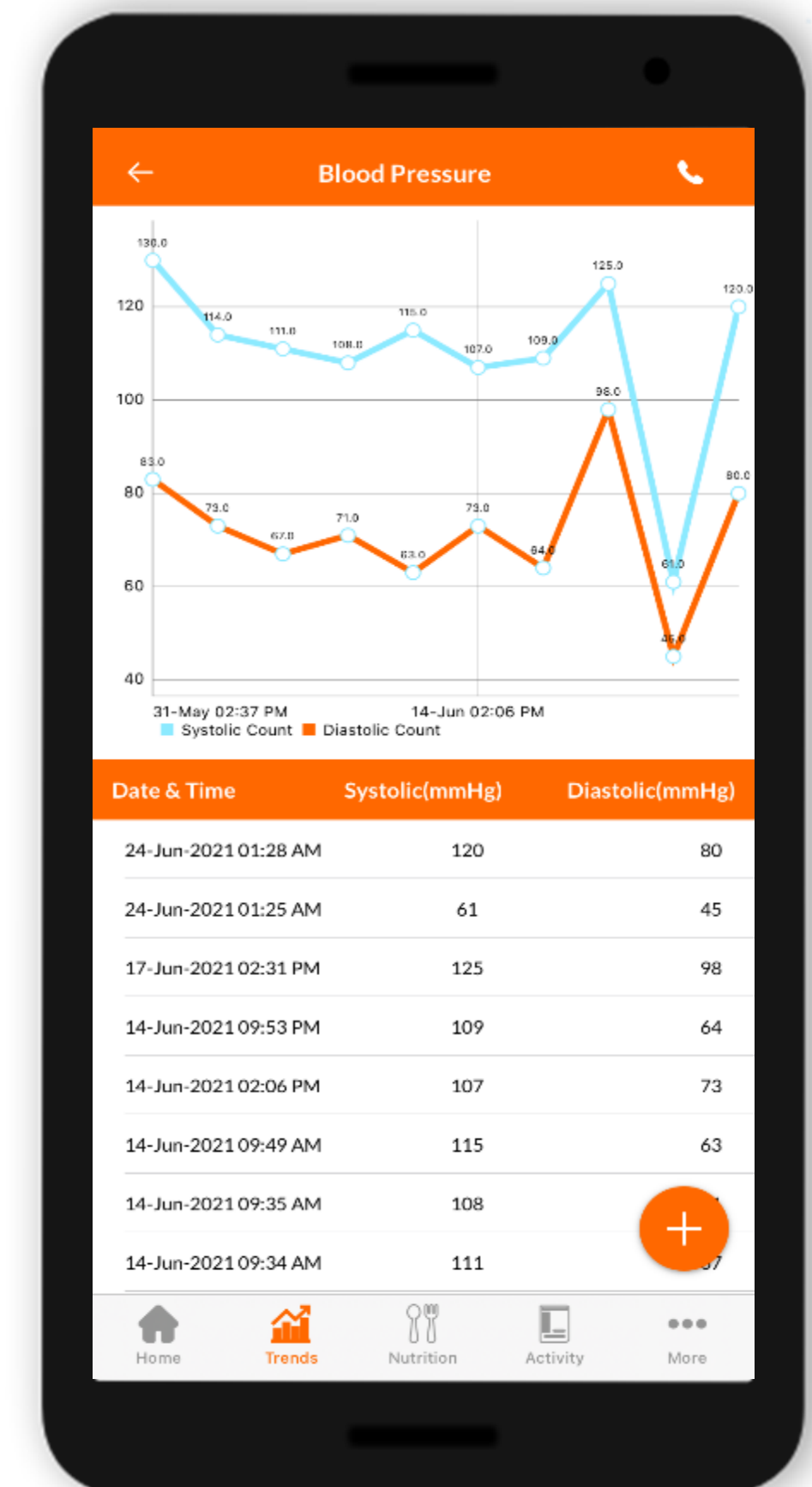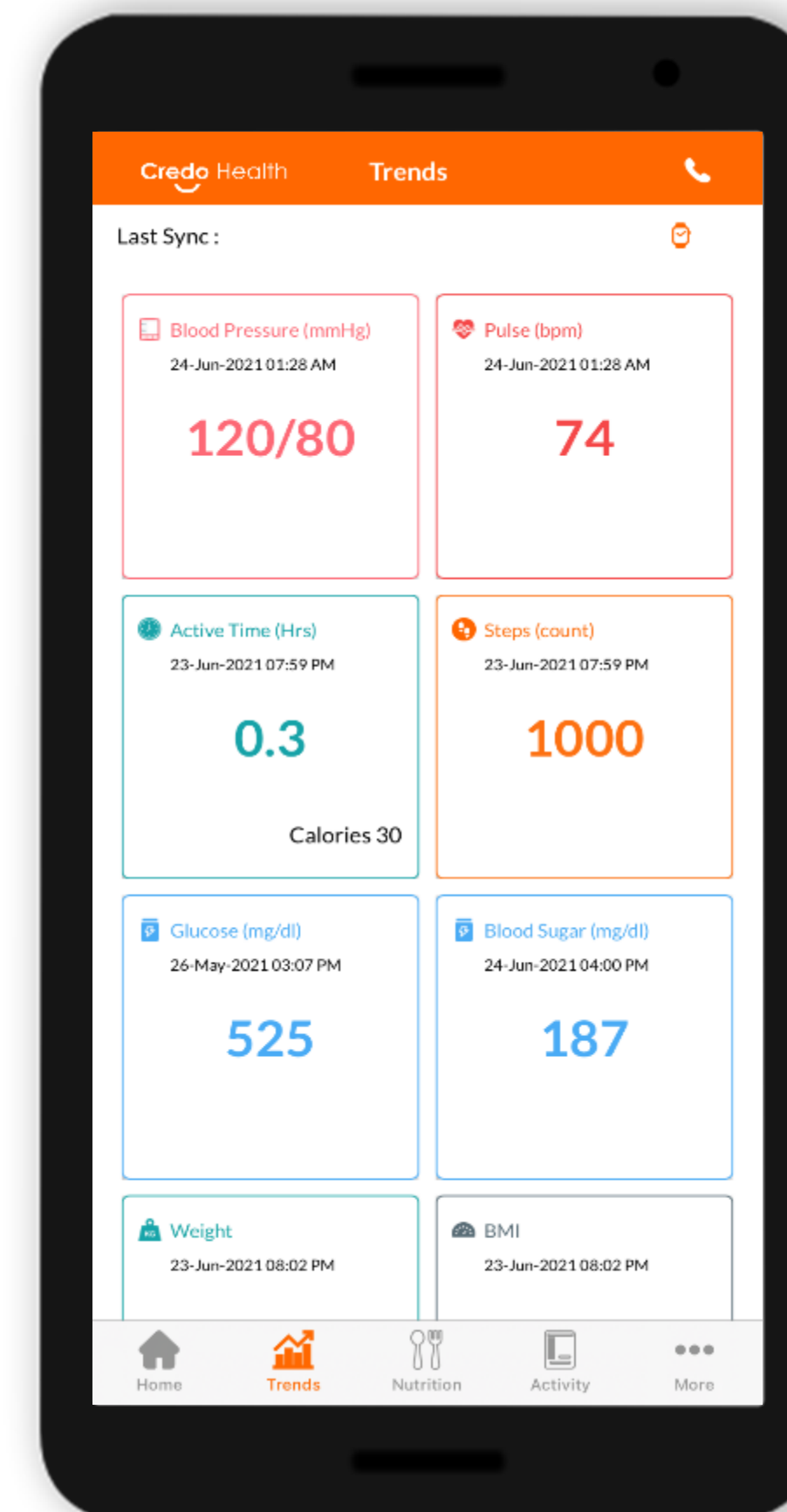
Project: **eHealthcare - OHC - Occupational Health Center management solution**

- Our OHC management suite of solution covers the entire end to end management of dedicated hospitals set up for employee healthcare of large/medium corporate houses.

- The solution covers
  - ✓ OHC administration,
  - ✓ Digital health wallet,
  - ✓ Government regulations data management and
  - ✓ e-pharmacy.

- Occupational health is a field of health care made up of multiple disciplines dedicated to the well-being and safety of employees in the workplace.
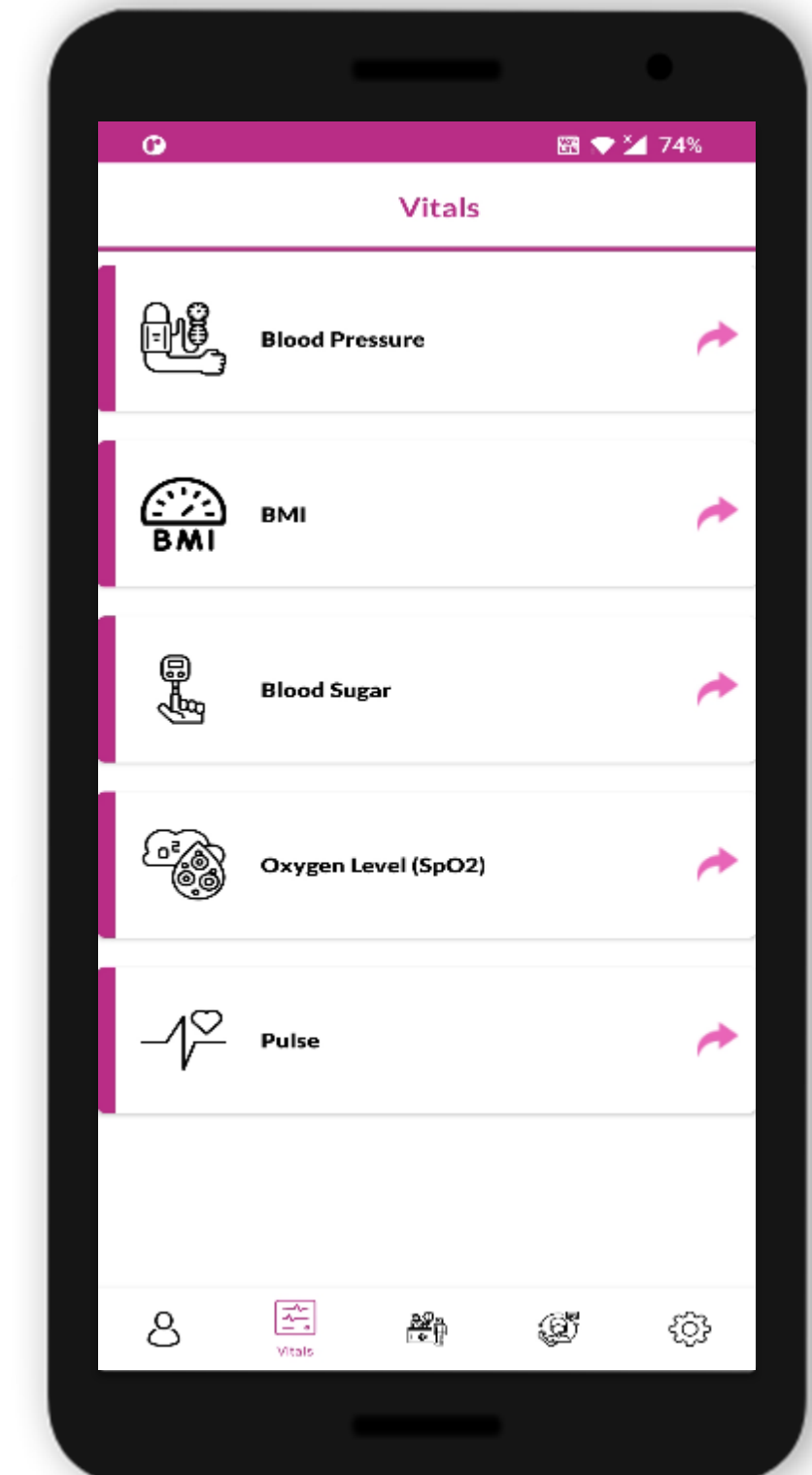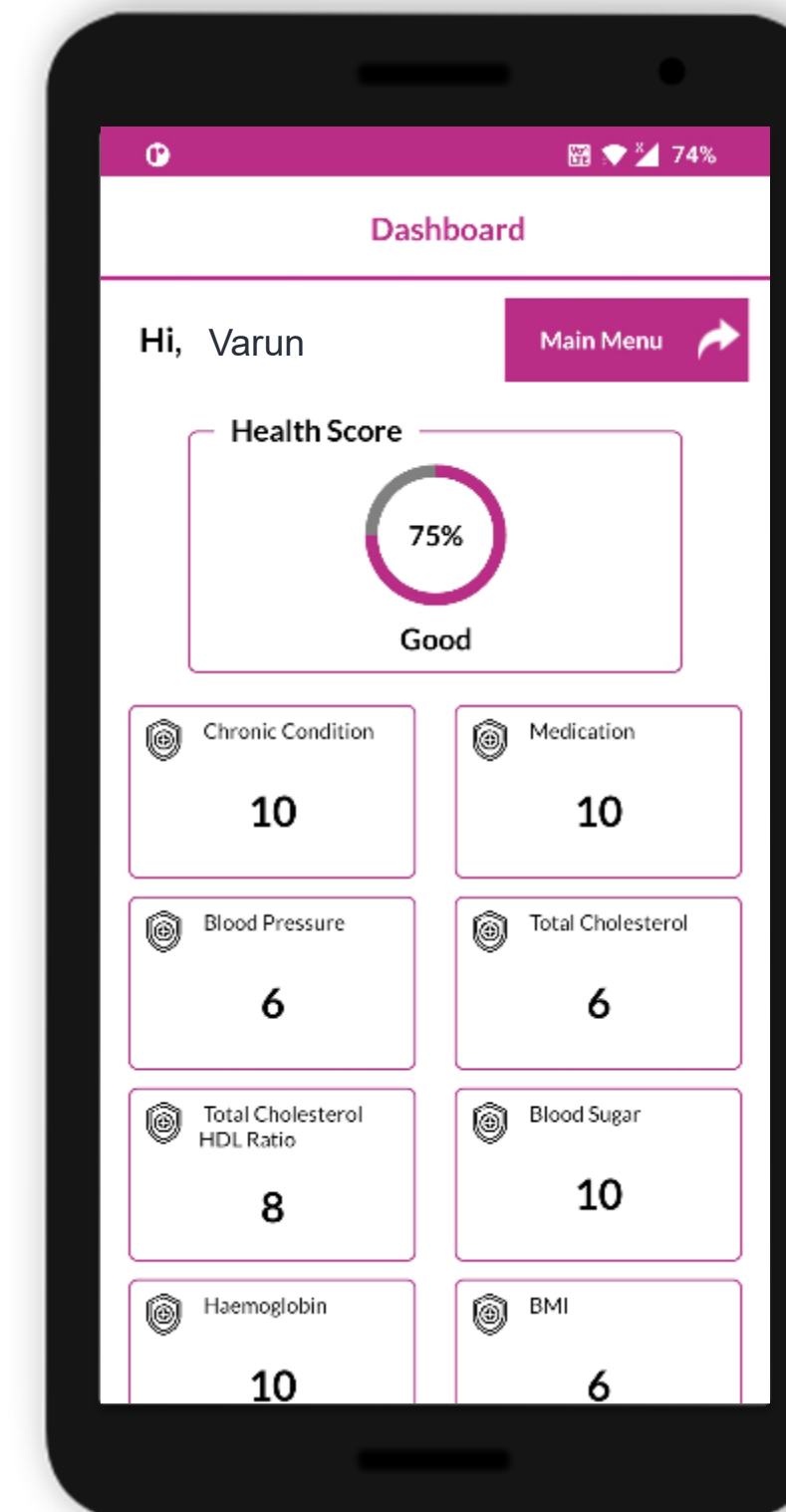
Project: **Distributed Sales Management mobile application**

- Implemented for a reputed PET bottle manufacturing company in India.

- The application has rich features to support day-to-day sales operations of distributors and retailers.

- Salesperson will be guided with tour itinerary to place orders for their distributors and retailers on region wise daily field sales activities.

- The app also allows the salesperson to take orders in a live paperless sales process.

- A web admin feature has a rich functionality to track daily, monthly, annual sales performance and incentive details.

- Technology platform
  - ✓ PHP Laravel for web back-end application
  - ✓ Flutter for cross platform mobile app development

Project: **eQ ERP Implementation**

The ERP solution that is implemented at KRGfi covers administration, finance, inventory, stores and digitized reports and forms for managing the documents.

Primary Features:

1. Purchase: Procuring products from local/foreign manufacturer or supplier

2. Stores: Maintenance of the product with serial number

3. Finance: Payment and collection involved in purchase and sales

4. Sales: Selling products to direct customer or dealer

5. Document management: Storing and retrieving the documents meant for approvals from the Bharath stage levels by Indian government

Project: **eQ FIFO**

- The ERP product implemented is built on a FIFO (First-In-First-Out) logic. The raw material inputs for the tyre manufacturing operation is tracked using the solution.

- The production team handles and stores the raw materials in different location and racks. Based on the application logic the raw material is picked up in the right order.

- The implemented FIFO logic ensures that raw materials are input into the processing plant based on the principle of first received material is processed first based on data receipt at the plant.

- This solution has rich interactive layout (Stack & Rack) system that helps the user to find the appropriate location of the product in a faster manner.
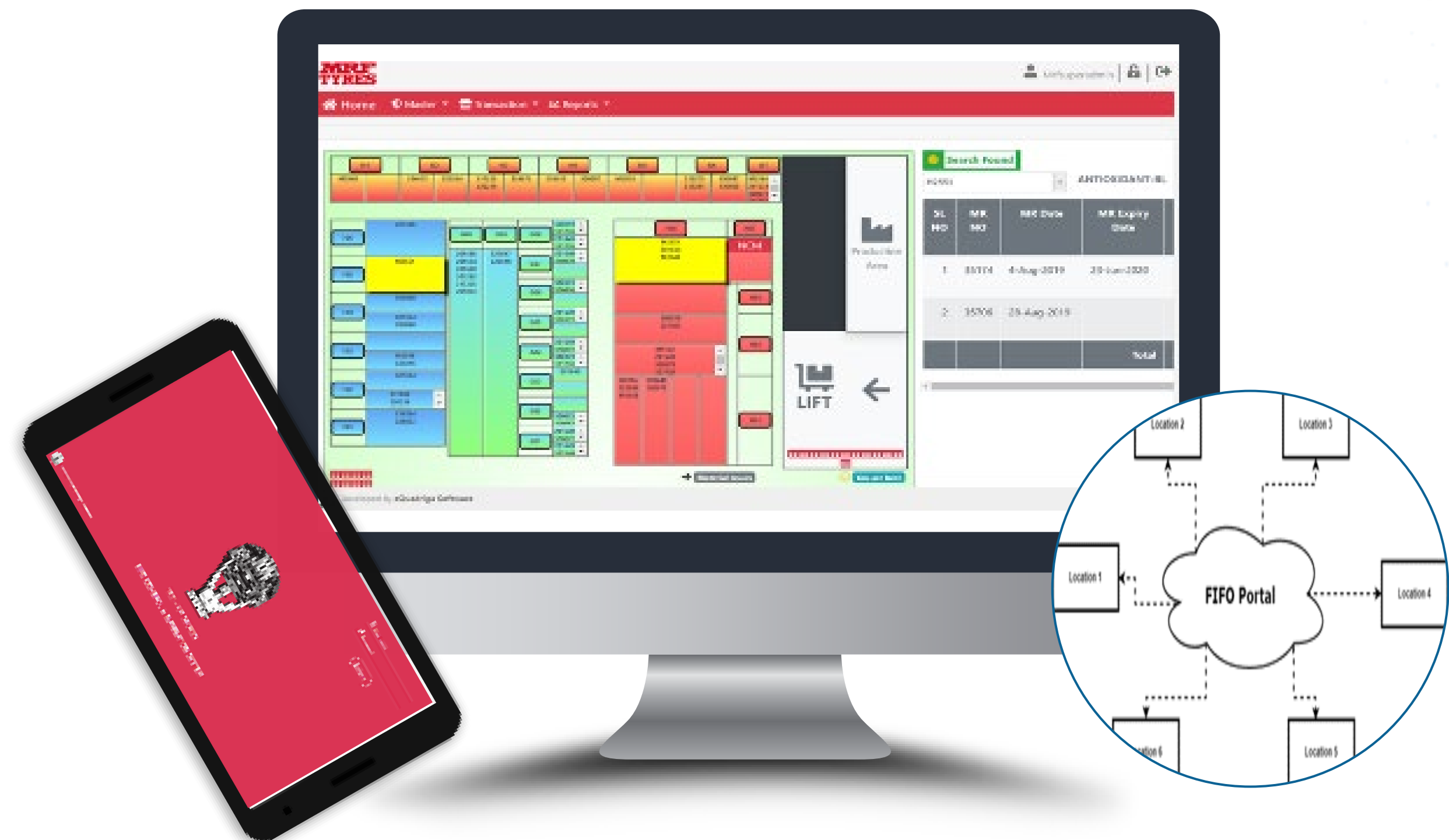
Project: **eQ 3PL logistics software solution** for YNT Supply Chain

YNT specialize in Warehousing, 3PL operations, primary and secondary logistics, B2C, B2B and D2C supply chain operations, domestic and international Transportation by Air and surface.

The project goal was to develop and implement a software solution that can be used by YNT supply chain to manage the entire 3PL Logistics operations including finance management (Tally) in a single unified platform.

The software solution is intended to be used by the staffs of YNT Supply chain to manage the following operations

✓Courier with Reverse Logistics (Third-party Courier API and Customer's EDI will be integrated)

✓Warehouse Management (Place orders, View and track the stocks, manage the delivery and In-ward & out-ward process)

✓Redeem Website

✓Tally integration

✓Reports.

Project: **eQ Esskay Management System**

- Objectives: This key goal is to enable the users to achieve a simplified workflow by maintaining a centralized Management System, ensuring the managing of the process in a more systematic approach, and integrating all the employees across various branches of Esskay.

- Modules available in EMS: This system should contain the following modules: • Project Management Module • Quality Module • Time Sheet Module
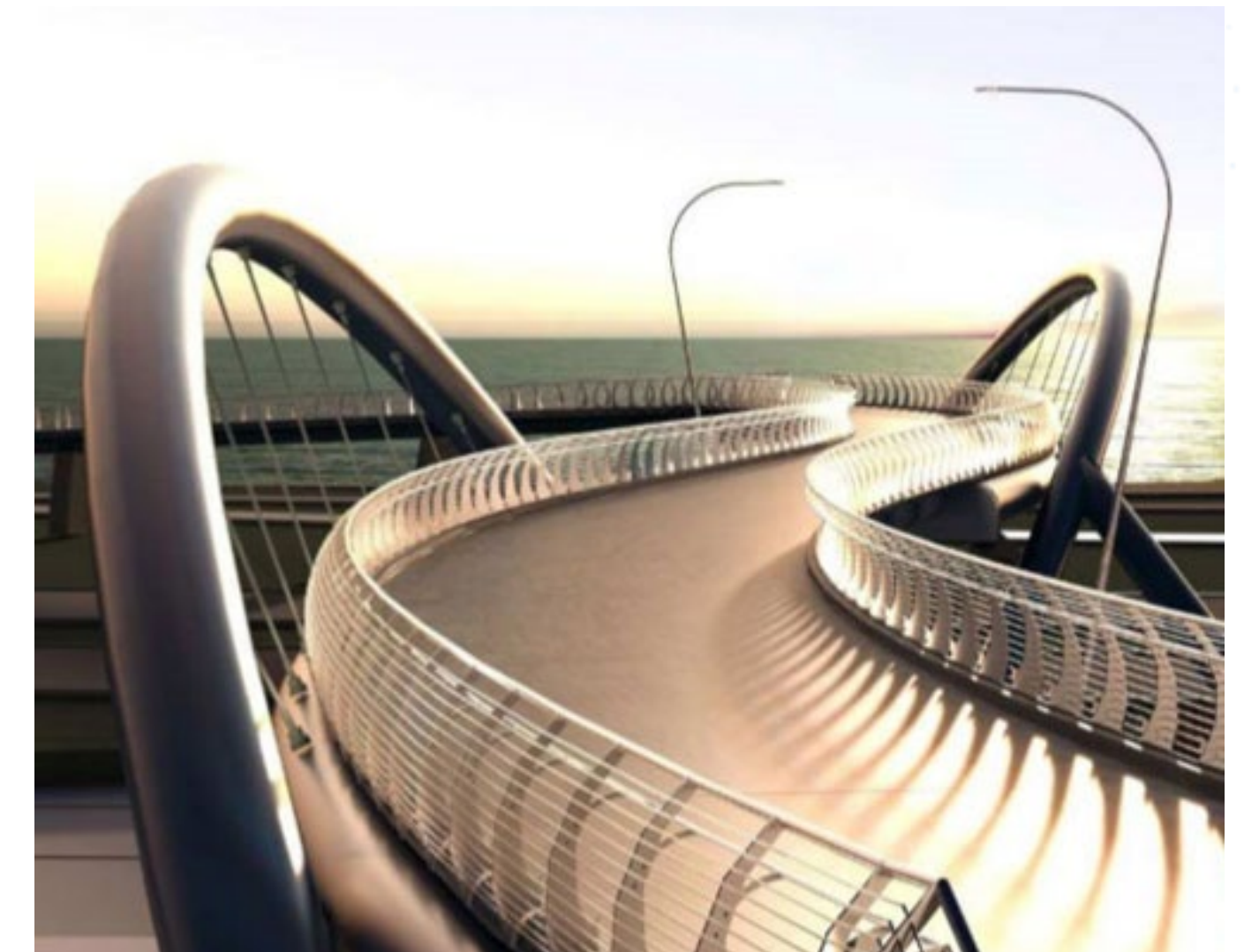
Project: **A global online marketplace for FactreeHub**

- Factreehub is conceptualized as a global marketplace for precision machined parts seamlessly connecting global clients and suppliers in an online portal. The purpose of this project is to develop and implement a software solution that can be used by Precision equipment the with the end−to−end workflow process for their entire value chain from "client enquiry" to the "final delivery of parts to the client order.

- The core functional modules of the base product are proposed below.

- Client

- Order Execution

- Vendor

- Warehouse Management

- Accounts

- Logistics

- Reports and analytics

eQ product showcase

Our software product range providing the customers a competitive edge in the market

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eQ-HRMS is a cloud hosted/local hosted HR system .

Easy-to-use and cost-efficient for small and medium businesses to manage essential employee information in a centralized software platform.

The workflow covers
- Employee information system
- Attendance management
- Shift management
- Leave management
- Payroll management
- Government regulations

eQ-HRMS

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eQ-ERP suite is a comprehensive, modular software product.

The workflow covers manufacturing / production, quality control, material management, accounting and sales.

The product extensions address the custom needs of integration with market available accounting packages.

Provides a range of flexible workflow modules, connectors and integrators to meet the specific needs of the customer. It is a well-established product in the local market with multiple client installations serving manufacturing business.

eQ-ERP

Enterprise Resource Planning

The Ordering app enables your customers to order products from your website with an option of pick up/delivery of products.

It has an integrated Google Maps, order status view and much more. Fulfillment options will match what your business offers, whether that's pickup, curbside, or your own delivery service.

Ideal way to boost your business revenue by going online and reaching more customers

eQ-Online Ordering System

A step towards creating a smarter cities envisioned to support city governments with next-gen technologies.

Our smart solutions help give better administration and act as a tool to communicate with citizens and resolve the problems in a rapid manner.

The smart city suite of solutions includes
- city waste management solution through QR code-based collection points,
- biometric based smart phone app for attendance etc.

eQ-Smart City Solutions

We have delivered a host of health care solutions in web and mobile technologies for leading healthcare service providers.

Solutions includes Hospital management applications for OHC (Occupational health center), Digital health wallet mobile app, medical wearable technology integration with a mobile app. in iOS and android.

Our deep expertise in developing custom health care solutions in the latest development platforms will be a big asset for your competitive go-to-market plans.

eQ-Health Care Solutions

Billing software suite caters to a wide range of industries such as restaurants, pharmacies, canteens, bakery houses.

The workflow is designed to handle billing, sales administration and invoicing customers for services and products as well.

The software works on a wide range of point-of-sale POS devices.

Sales management product is a web-based software for planning, organizing, analyzing, tracking and forecasting your organization sales data.

The workflow connects the field sales personnel spread across various locations and corporate sales organization through a combination of mobile app + web application platform.

The sales data and reports inter-connects the entire organizational sales information through cloud hosted server.

Customizable and available as cross platform mobile frontend app in android/iOS devices.

A Document management system for all business domain and to upload, manage & store various documents.

Alerts will send SMS to the preferred mobile number in order to remind the person on expiry of respective documents.

Powerful access control feature is provided can manage between admin and non-admin users.

eQ-Billing System

eQ-DSM

eQ-Document Management

⑨ GDPR Compliance

We guarantee full compliance

- We at eQuagriga value the security of the client data and ensure that all our solutions are delivered with 100% adherence to GDPR Regulations.
- All our staff are fully trained by GDPR experts and GDPR-ready for software development project delivery.

eQuadriga GmbH

GDPR-ready

— 09/2023 —

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Awards and Recognitions

2ND edition of FICCI Smart Urban Innovation Awards

January 21, 2021

Category V : Smart Solid Waste Management

WINNER

eQuadriga Software Pvt. Ltd.

QR Code based waste collection, Trichy
Tamilnadu

Winner of FICCI Smart Urban Innovation Awards 21 in Smart Solid Waste Management category, and Jury Mention on Citizen Collaboration Category in 2022.

3RD edition of FICCI Smart Urban Innovation Awards

29th April, 2022

Category: Citizen Collaboration

Jury Mention

EQUADRIGA

Smart Trichy Mobile App

TOI article about QR code app for Trichy city corporation

Featured in the cover page of **The CEO Magazine** & a detailed coverage of eQuadriga

The CEO Magazine — VOL 3 JULY - 2018 SPECIAL EDITION — TOP 20 TECH BRANDS TO WATCH IN 2018

EQUADRIGA SOFTWARE: A SOFTWARE COMPANY THAT UNDERSTANDS YOU, YOUR BUSINESS GOALS AND WORK PRINCIPLES!

LEO ANANTH J. FOUNDER EQUADRIGA SOFTWARE

QR code to track Trichy's waste collection
The Initiative Will Be Implemented On A Pilot-basis In Ward 56 Covering Thillai Nagar

Hannover

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