Welcome to DTDA
Digital Technologies & Data Analytics (DTDA)
What is DTDA?

DTDA is a tech initiative of Precision Health Consultants (PHC) Global. In the growing economy, technology is rapidly emerging — PHC Global believes in delivering quality care with reliable experts to deliver holistic solutions which involve high-end knowledge integrated with. DTDA has extensively collaborated with government stakeholders to empower public service with innovation to embrace change and deliver better and faster. Our digital health interventions helped meaningfully acquire, monitor, process, and transform crucial data points/available data points, indicating a new age of quality delivery.
DTDA PROJECTS

AI/ML Based Solutions
AI-SAROSH
Structured Speech Recognition (SSR)

ERP Management Information System
HMIS, PHC IS, AI-SAROSH, and IMNCI CDSS

M-Health
Nutrition Food E-App,
Mental Health and psycho social wellbeing and Diabetes

Websites
PHC GLOBAL, FJICO, GB HEALTH, EXXAND SELMA MAI-KARACHI and others
DTDA PROJECTS

E-Learning Platform
IMNCI, LHW Curriculum, LHW training

Web-Based and Crossed Platform Development
Android & IOS

Strategies
National Digital Health Framework

Dashboards
Monitoring and Evaluation, Research Data Collection, Descriptive Analysis and Project Managements
AI/ML BASED SOLUTIONS
Structured Speech Recognition App

Mobile App
Record health worker and caregiver conversation

Cloud Server
Convert audio recording to textual data

MI and Deep Learning
Google cloud function process and extract meaningful data

Dashboard
Summarized/discrete data in tabular & graphical form

BILL & MELINDA GATES foundation
Strategies
National Digital Health Strategy Framework

- Telemedicine
- Wearable Devices
- Machine Learning
- Internet of things (IoT)
- Tele-Health
- Big Data Analytics
- M-Health
- Artificial Intelligence
DTDA: At A Glance

- Offices in 5+ cities
- 50+ projects delivered across Pakistan
- 5 years in web development
- $30M made in revenue
- Delivering in health, education, climate, disaster management
PHC AT A GLANCE
About Our COMPANY

PHC Global, focuses on improving public well-being. We believe in collaborative efforts with public service delivery institutions, academia, and development partners. Apt at designing, developing and implementing human-centered technology-driven, innovative, and systematic, interventions to advance well-being especially in underserved populations with a wide connection of network throughout Pakistan.
In the current global environment where it is critical to digitizing information, the DTDA team identifies innovative approaches to cater to the needs and find digital solutions for the public and private sector clients.

The Global Health team’s strategy is aligned with the global health priorities. We work with national and international development partners in the design and implementation of models that can improve the efficiency of global health programs. The core of the Global Health team is advocating for scale-up and policy adoption of models that advance population well-being. Through facilitating an aesthetic experience that is both personal and shared, we aim to break out of preconceived ideas and old habits.

CFAW works on the application of context-driven arts-based methodologies to provide a space for individuals, communities, and organizations to express and reflect on how best they can be engaged and connected with interventions for themselves, their families, and their communities.
OUR MAJOR CLIENTS
OUR VALUES

Our value is driven by our lived experiences of four years with diversity in our work, local and global challenges, and multi-sectoral interventions, and to foresee our future.
SECTORS WE TARGET

DTDA offers seamless, purpose-oriented tech solutions and interventions in the following strategic areas:

- HealthTech
- EdTech
- Climate & Sustainability
- Gender
- AI-BASED SOLUTIONS
Our services are based on an in-depth understanding of market needs, and a constant reiteration of our practices:

**WHAT WE OFFER**

**SERVICES**

- **IT/Technology Consulting**
- **Offshore Outsourcing**
- **Custom Software Development (MIS, ERP, etc.)**
- **Mobile/Web Apps Development and Testing**
- **Data Analytics**
- **Tech Support and Maintenance**
- **IT Governance and Strategy**
Data Collection and Analytics

Web Based Data Collection Tools

- IFA and MNP data collection tool
- COVID Plasma Survey tool
- HRH Baluchistan Delphi data collection data
- HRH Baluchistan COVID data collection tool
OUR TEAM

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m-HEALTH
**COPEit App**
A psychosocial well being app with the following areas:

- Breathing
- Medication
- Tasks
Erp Management Information System PHC - IS
Adolescent health, behavior change and early childhood development
Exxand
Implementing ideas with potential and purpose!
AI-SAROSH
AI/ML Based Solutions
m-HEALTH
Food e-App
An electronic application to assess the dietary intake of adults in karachi, Pakistan.
Fatima Jinnah Institute of chest Diseases
Quetta
Selma Projects
m-HEALTH
TCV Monitoring App
A mobile application to monitor the TCV STAFF activities.
PATH
AI/ML BASED SOLUTIONS
Structured speech Recognition App
PHC GLOBAL

Improving lives - transforming health & development
m-HEALTH
Multiple Micronutrient Supplementation (MMC)
Data collection and analysis for the MIMS project.
ERP & Management
Information Systems
IMNCI CDSS

unicef
e-Learning
Integrated Management of Neonatal & Childhood illness
A self-paced learning application for healthcare providers on IMNCI guidelines in children in Pakistan.
m-HEALTH
COVID Screening App

Screening, news & information, and mental health coping app was developed during COVID breakout.
ERP & Management Information System

HMIS
Human Resource Management System
m-HEALTH
Convax App
A COVID vaccine monitoring app that was used for data collection and analysis.

Gavi
The Vaccine Alliance
Thank you!

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phcglobal.org