



Company Profile

of

CMED Health Limited

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1. Executive Summary

CMED Health Limited is a new startup company focusing on preventive healthcare. Our mission at CMED is to accurately assess the vitals of people's health, over time, in the environments where they live, work and play so they can live more productive lives. Through our innovative smart health monitoring devices (medical grade), technological support, and a passion to serve people, we provide easy to use, cost efficient regular health monitoring solutions to individuals and medical professionals.

One of the most burning issues in today's world is health problems and unavailability of healthcare centres and doctors or healthcare professionals. This issue is more severe in developing countries where population growth is higher and health professionals are hard to find. With the growing population and diversity of health problems; a smart, automated and secured cloud based regular health monitoring system is a possible appropriate solution for developing countries like Bangladesh. CMED is addressing to resolve these problems.

CMED is a smart health monitoring system for regular health monitoring. CMED uses smart medical sensors connected to a smartphone for measurement of vital signs and store data to its secured cloud server. Users will get instant feedback about their health status. CMED also generate health records that will help doctors to minimize diagnostic time and to give better treatment.

CMED will focus on the exciting opportunities in the area of health technology, delivering meaningful innovation to improve people's lives across the health continuum through new, more integrated forms of care delivery.

With an expanding and aging population, the rise of non-communicable diseases like hypertension, diabetes, cardiovascular diseases, etc. and global resource constraints, health systems all over the world are under tremendous pressure. At the same time, more and more people are keen to take an active role in managing their own health. And digital technology, whilst bringing vast new opportunities, is shifting value from devices to software and services. All of this is driving the convergence of professional healthcare and consumer end-markets.

By leveraging our deep understanding in advanced technology, research interest in clinical and consumer insights, long-standing aspirations for vast customer relationships, with CMED (cloud platform and integrated solutions portfolio) we can improve people's health and enable better outcomes at lower cost across the health continuum.

In Bangladesh people spent around 600 crore taka for blood pressure and blood glucose monitoring per year. But the monitoring is not very effective. When people measure, they normally do not preserve the data, which consequence long diagnostic time, low efficacy in treatment. CMED aims to develop an automation process to record, analyze the data which will help doctors to better diagnostic and treatment. This is first time in Bangladesh and one



of the unique service point for CMED. We developed this service and platform based on two years of research in AIMS Lab, United International University, Dhaka, Bangladesh

2. Company Profile

CMED Health Limited is incorporated with the Joint Stock Companies & Firms under Companies Act 1994. The company is owned and managed by its two directors, Dr. Khondaker Abdullah Al Mamun and Dr. Farhana Sarker.

2.1 Short Biography of Founders

DR. KHONDAKER A. MAMUN

Khondaker A. Mamun received his PhD. and Postdoctoral Fellowship in Biomedical Engineering from University of Southampton, UK and University of Toronto, Canada respectively. He is a founder of AIMS Lab, United International University, where he performs research on the mobile technology for improving health care. He has 14 years university teaching and R&D experience and invented a number of E-Health service architecture for developing countries as well as medical devices. He is a founder of CMED Health (winner of GP Accelerator, Seedstarsworld and 1000 innovative products 2021), a startup that focuses on preventive healthcare.

DR. FARHANA SARKER

Farhana Sarker received her PhD degree in Computer Science from the University of Southampton, UK. Before her PhD study, she worked as researcher in the University of Southampton, UK and in King Saud University, Riyadh, Saudi Arabia. Before that she worked as senior software engineer at Sheba Telecom, where she was responsible for implementing billing software. She has diversified background in the area of research and development in computer science and engineering. Her current research focuses on improving health, teaching and learning condition using technology. She is a co-founder of CMED Health, a startup that focuses on preventive healthcare.

2.2 Advisors

CMED is proud to have an elite panel of advisors who continuously support and give recommendations on its operations, planning and Product development. Our eminent advisory broad members are as follows:

Professor Dr. M.H. Khan

Professor M. H. Khan, an eminent educationist and engineer. He served as a Head of the Department of Mechanical Engineering and as a Dean of the faculty of Engineering. From 1987 to 1991 he served as the **Vice-Chancellor of BUET**. Professor Khan continued to play an active role in national education even after his prolonged service at BUET and retirement from it. He joined the Ahsanullah University of Science and Technology, the first private sector technological University of Bangladesh as its founding Vice-Chancellor in 1995 and held the post till March 2007 with devotion and determination to establish it as a place of excellence. Currently, he has been a member of the **National Council of Diabetic Association of Bangladesh** (known as BIRDEM) and presently serving as its **Treasurer**.

Mr. S. M. Ashraful Islam

Mr. S.M. Ashraful Islam starts his career in Ministry of Education. Then he becomes joint secretary in health ministry. He plays an important role for introduction of ICT in Healthcare. He now serves as Additional Secretary in Peoples Republic of Bangladesh and Executive Director, Bangladesh Computer Council. He advises CMED in various capacities.

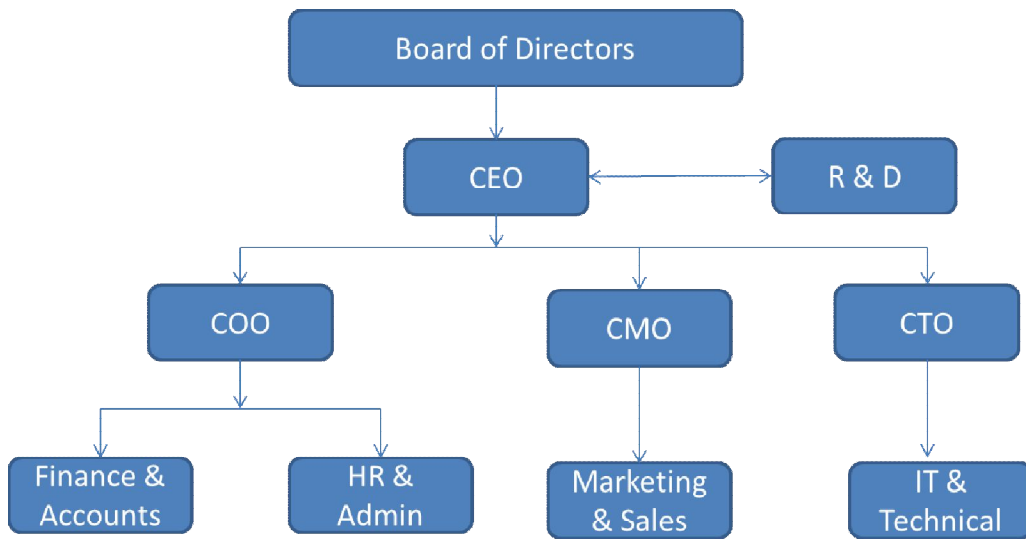
Prof. Dr. Md. Golam Rabbani

Prof. Dr. Md. Golam Rabbani is a professor of Psychiatry and served as director of National Institute of Mental Health, Dhaka, Bangladesh. He obtained MBBS in 1980, FCPS (Psyche) in 1988. He is a life member of Bangladesh Medical Association, Bangladesh College of Physicians & Surgeons and President of Bangladesh Association of Psychiatrists. He attended many Seminars, Symposiums and Conferences on Psychiatry at National and International level like U.S.A., Sri Lanka, Italy, Switzerland, Hong Kong, U.K., Germany, India, Czech Republic, Spain, Japan, Netherlands, Austria, France, etc.

Dr. Nizam Uddin Ahmed

Dr. Nizam Uddin is a senior management and public health professional with over 20 years' of experience in different cross-cultural settings. He serves as a consultant of variety of government and nongovernment health institutions, community based programs with NGOs, public health programs with state of the art ICT solutions that guide in the implementation, monitoring and evaluation for maximum impact. His expertise includes strategic planning, program development, Monitoring and evaluation, Human Resource Management, Client relationship and marketing for business plan and resource mobilization. He is a Medical Doctor and completed his masters in Public health from London University in 1996-97.

3. Company Organogram



3.1 Staffing

Current Staff List	
Marketing & Sales	3
HR & Admin	2
IT and Technical	5
Service Delivery	6
Finance & Accounts	2

4. Product and services (A brochure is attached)

4.1 Smart Health Monitoring Devices

Users can buy our sophisticated smart medical devices to check their 8 important vital signs (blood pressure, blood sugar, pulse, oxygen saturation, temperature, height, weight & BMI) by themselves, to reduce the risk of life threatening non-communicable disease (hypertension, diabetes etc.) through regular monitoring.

4.2 Intelligent Health Status

Users will get instant feedback of their health status whether it is normal, alarming or emergency. It also represents data trends in tabular, line graph and pie chart format.

4.3 Workforce Wellness program (A brochure is attached)

Workforce Wellness Program (WWP) is an organized program that improves health and productivity. CMED is introducing these program in different organizations to help them maintain productivity in their workforce.

4.4 Cloud Based Health Record

Users will have their own personal health account. The data they get will automatically be stored in our secured cloud server. So, users can use the data whenever they need in the future. They can also get the data by use their own devices and can put the data in their health account manually.

4.5 Health Consultations

Users with alarming and emergency conditions will get an initial telephone consultation immediately through a health professional.

5. Portfolio

For more details, please visit the website: <https://cmed.com.bd/> and the Facebook page <https://www.facebook.com/CMEDHealth/>

6. Awards/Events

- Awarded BDT 10, 00,000 innovation fund by ICT ministry of Bangladesh.
- Graduated from GP Accelerator Programme (2nd batch).
- Received USD 10,000 FB start package from Facebook.
- Won 2nd Place at Seedstars Dhaka 2016.
- Participated in different ICT fairs and events in Dhaka.

7. Current Clients

- Zero Gravity
- ICE9 Interactive Limited
- Nothern Tosrifa Group (NTG)
- Islamic International School and College (IISC)
- United International University (UIU)
- Orient group
- Centex
- Bengal Biscuit