

# Welcome



Preventive Healthcare for All

A Social Enterprise on Preventive Healthcare



+8801776534220



info@cmed.com.bd



www.cmed.com.bd

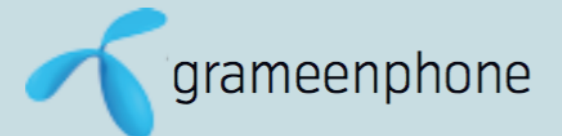
RESEARCH PARTNER



SUPPORTED BY



IN PARTNERSHIP WITH



# Healthcare Crisis



**Cardiovascular  
Diseases**

**Diabetes**

**Not  
Affordable**

**No Health  
Record**

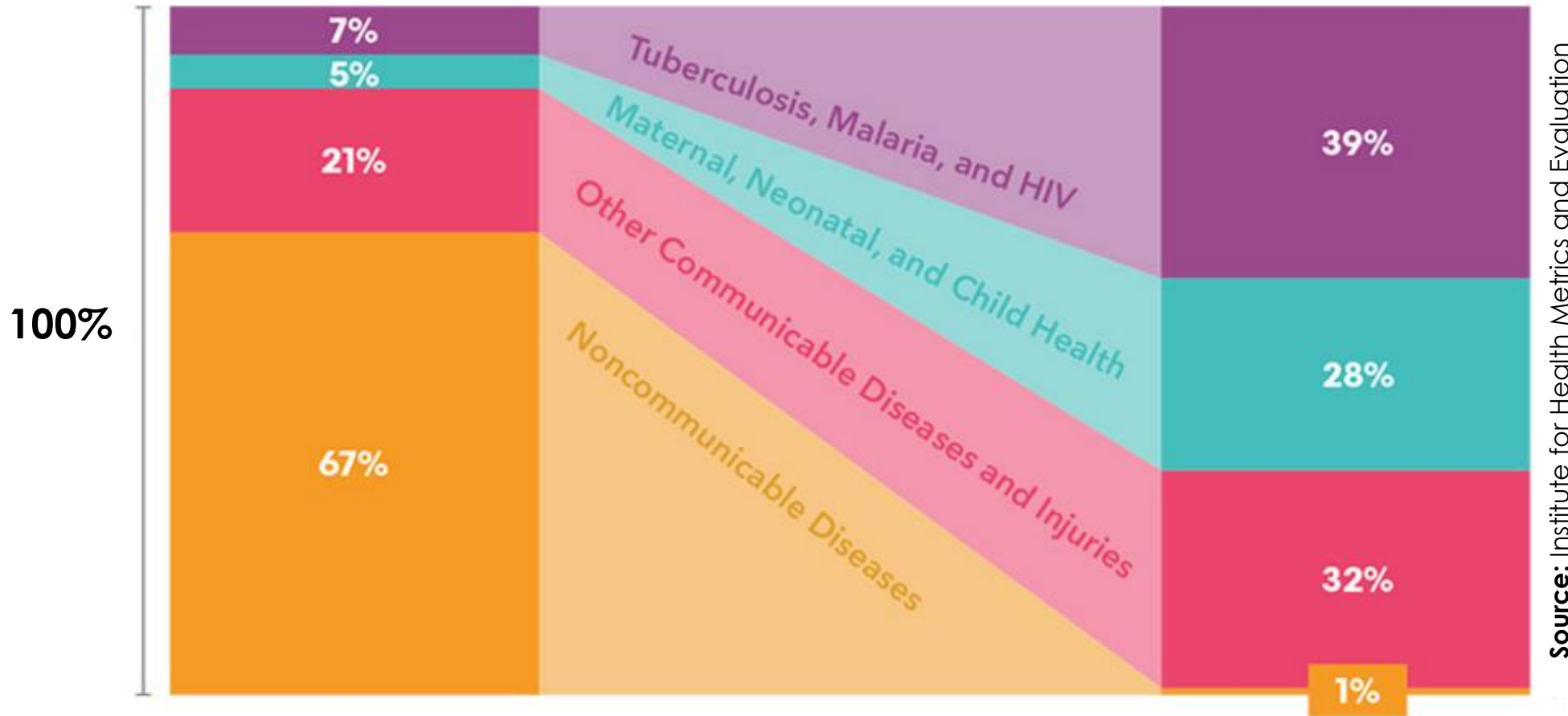
# Major Causes



Sources: Bangladesh Demographic Profile, 2014; International Diabetic Federation, 2015; IHME, University of Washington.

# Problem: Global Context

Non-communicable diseases account for **67% of deaths** in low middle income countries but only **1% of health funding** addresses them



Source: Institute for Health Metrics and Evaluation

% of deaths in low- and middle-income countries in 2015

% of total health funding in 2015 including government, philanthropy, and international organizations

# Problem: Bangladesh Context

59%

Deaths Due to NCDs

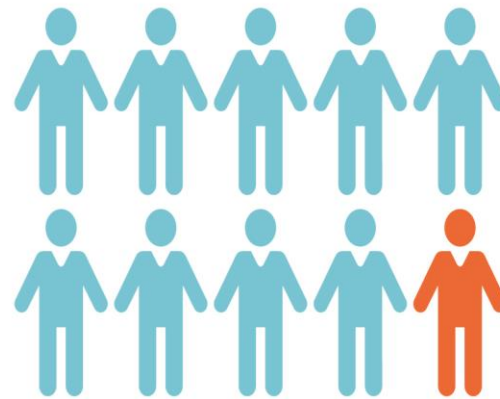
67%

Out of Pocket Expense

## PROBLEM

Non-Communicable Diseases (NCDs)

### DIABETES



3%

dies due to **DIABETES**

11%

Productivity  
Loss



### HYPERTENSION



17%

dies due to **HYPERTENSION**

20%

Productivity  
Loss

# SOLUTION



**Preventive  
Care**

**9/10**

strokes can be prevented

**5x**

knowing your vitals

will reduce the health  
risk & cost by **FIVE** times

80% Heart Attack    73% Diabetes



# IoT enabled AI Driven Smart Preventive Healthcare

Affordable

Accessible

Easy to Use

Sustainable



# CMED Preventive Healthcare Services

## What CMED Offers

- ✓ Health Monitoring
- ✓ Health Risk Prediction
- ✓ Ubiquitous Access to data



Blood Pressure



Pulse Rate



Oxygen Saturation in Blood



Temperature



Blood Glucose



Blood Grouping



Weight



Height



Body Mass Index



Cloud Application



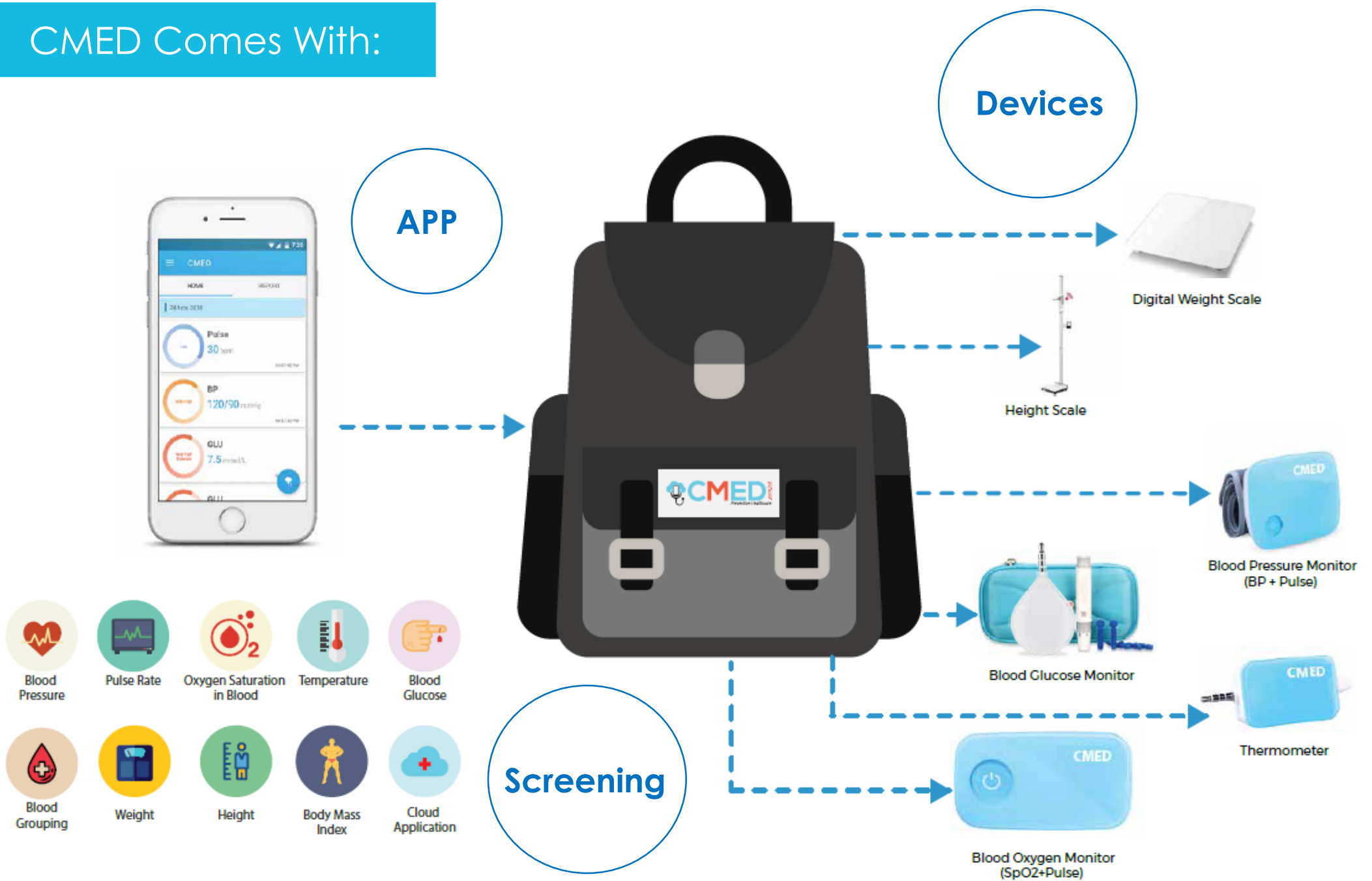
Health Record



Doctor's Consultation



# CMED Comes With:

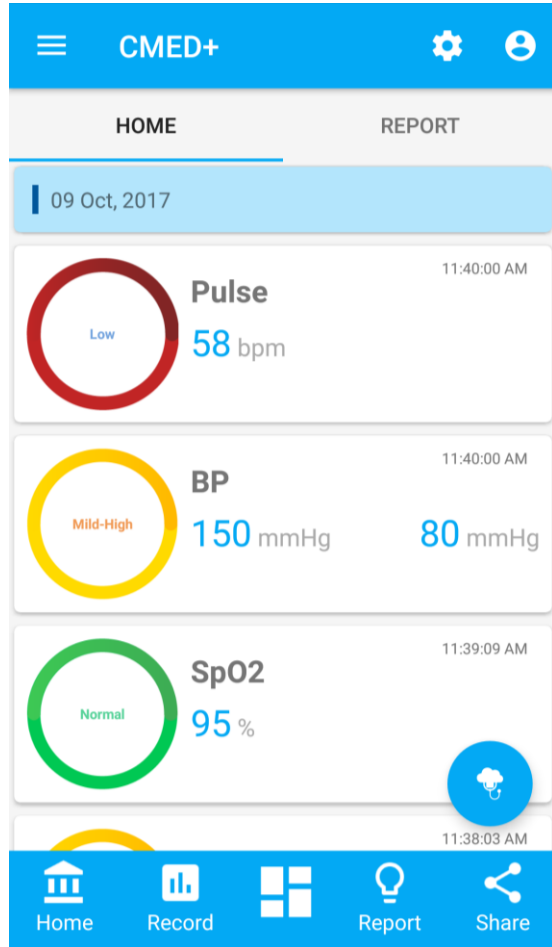


# How CMED System Works

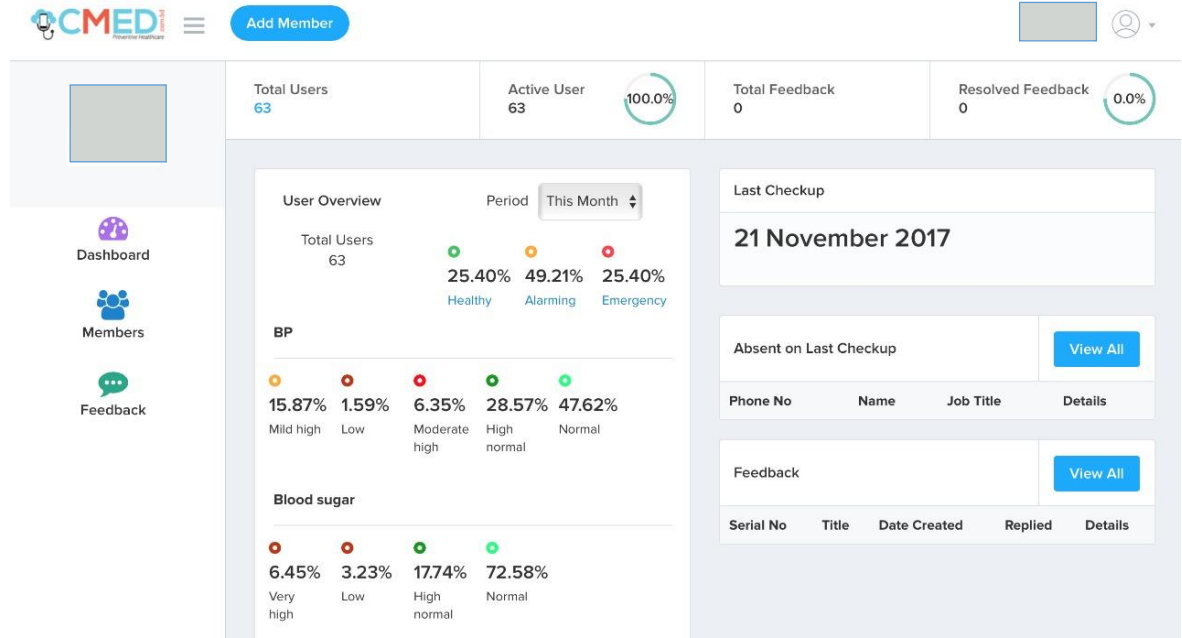


# Dashboard & App

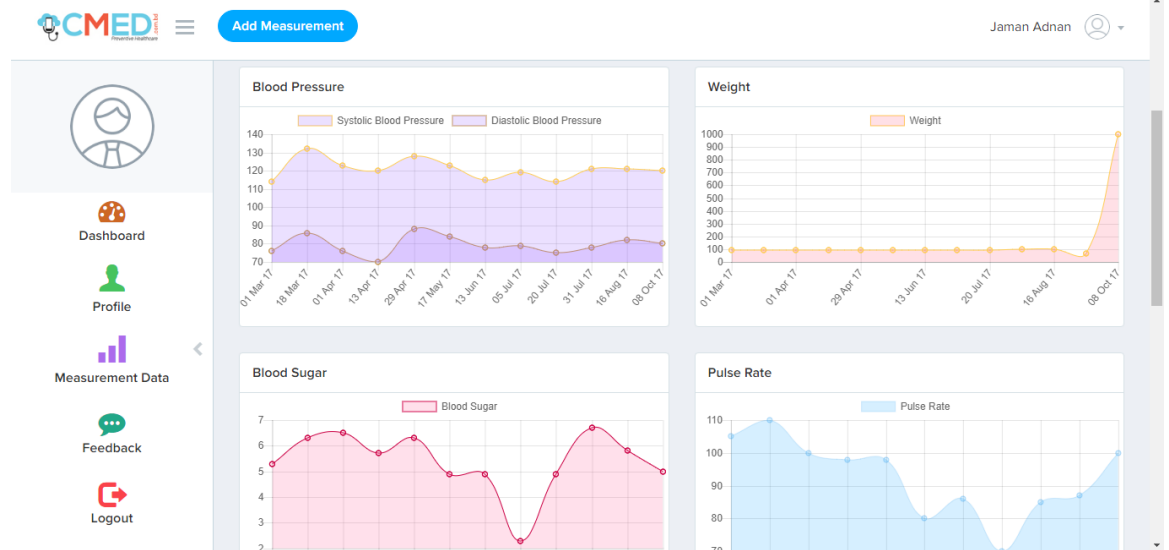
## CMED Mobile App



## Corporate Dashboard



## Personal Dashboard



## Benefits for Owners

### Lower Healthcare Cost

Improved morale & loyalty amongst employees

Greater Staff Satisfaction Improved Teamwork

### Drop in Absenteeism

Reduction in work-related injuries

Track patterns & take actions to solve prevalent issues

Reduced Staff Turnover **Increase in Productivity**

Attracting & Retaining Employees Demonstrates Employers care for employees

## Future Addition

Eye Sight Test

Cholesterol Test

Lipid Profiling

Maternity Care

e-Prescription

Occupational Health

Activity Tracker

Health & Dietary Tips

Medicine Reminder

Electronic Health Record

Nutrition Advice

Ergonomic Assessment

# Competitive Advantages

## Uniqueness

FDA certified  
IoT Enabled Devices



Robust Software Architecture

Strong Government Support

Easily Accessible from Anywhere

Research & Development

Real-time Health Monitoring

Instant Health Record

Data for Digital Economy

# Team



**Dr. K A Mamun**  
Biomedical Scientist



**Dr. Farhana Sarker**  
Data Scientist



**Moinul Haque Chowdhury**  
Head of Growth



**Syed Monir Hossain (Taha)**  
Operations Manager



**Sarjeena Maodud**  
Business Development  
Executive



**Md. Manzur Ankon**  
App Developer



**Md. Sayem Hossain**  
Back-end Developer



**Nahid Hasan**  
Back-end Developer



**Habibur Rahman**  
Tester



**Dipannita Mazumder**  
Tester



**Md. Asafuddoula Mukit**  
Accounts

# Recognition



CMED: Cloud based medical system framework for rural health monitoring in developing countries

Kashfia Sailunaz<sup>a,\*</sup>, Musaed Alhusein<sup>b</sup>, Md. Shahiduzzaman<sup>c</sup>, Farzana Anowar<sup>d</sup>, Khondaker Abdullah Al Mamun<sup>e</sup>

<sup>a</sup>Department of Computer Science and Engineering, Military Institute of Science and Technology, Dhaka, Bangladesh  
<sup>b</sup>Department of Computer Engineering, College of Computer and Information Sciences, King Saud University, Riyadh 11543, Saudi Arabia  
<sup>c</sup>Department of Computer Science and Engineering, Bangladesh University of Business and Technology, Dhaka, Bangladesh  
<sup>d</sup>School of Computer Science, University of Windsor, Ontario, Canada  
<sup>e</sup>Advanced Intelligent Multidisciplinary Systems Lab (AIMS Lab), Department of Computer Science and Engineering, United International University, Dhaka, Bangladesh



seedstarsdhaka\*



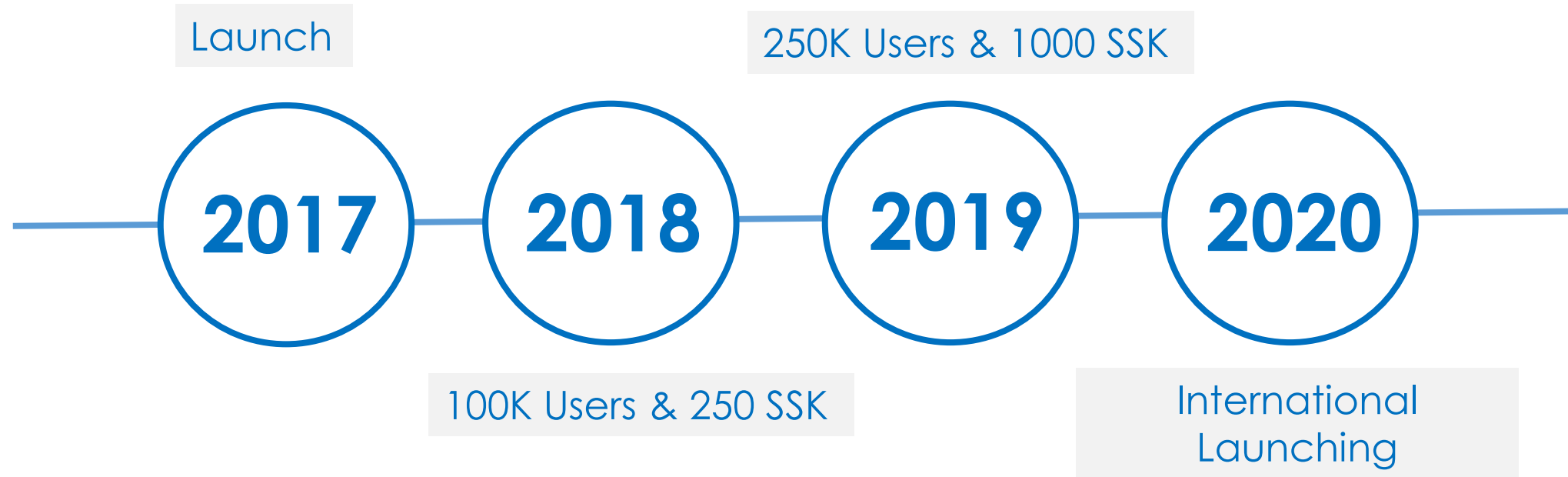
Partners

# Pipeline





# Roadmap



# Q & A

[www.cmed.com.bd](http://www.cmed.com.bd)

**MONITOR**

Your Health, Stay

**HEALTHY**

 **CMED** .com.bd  
Preventive Healthcare