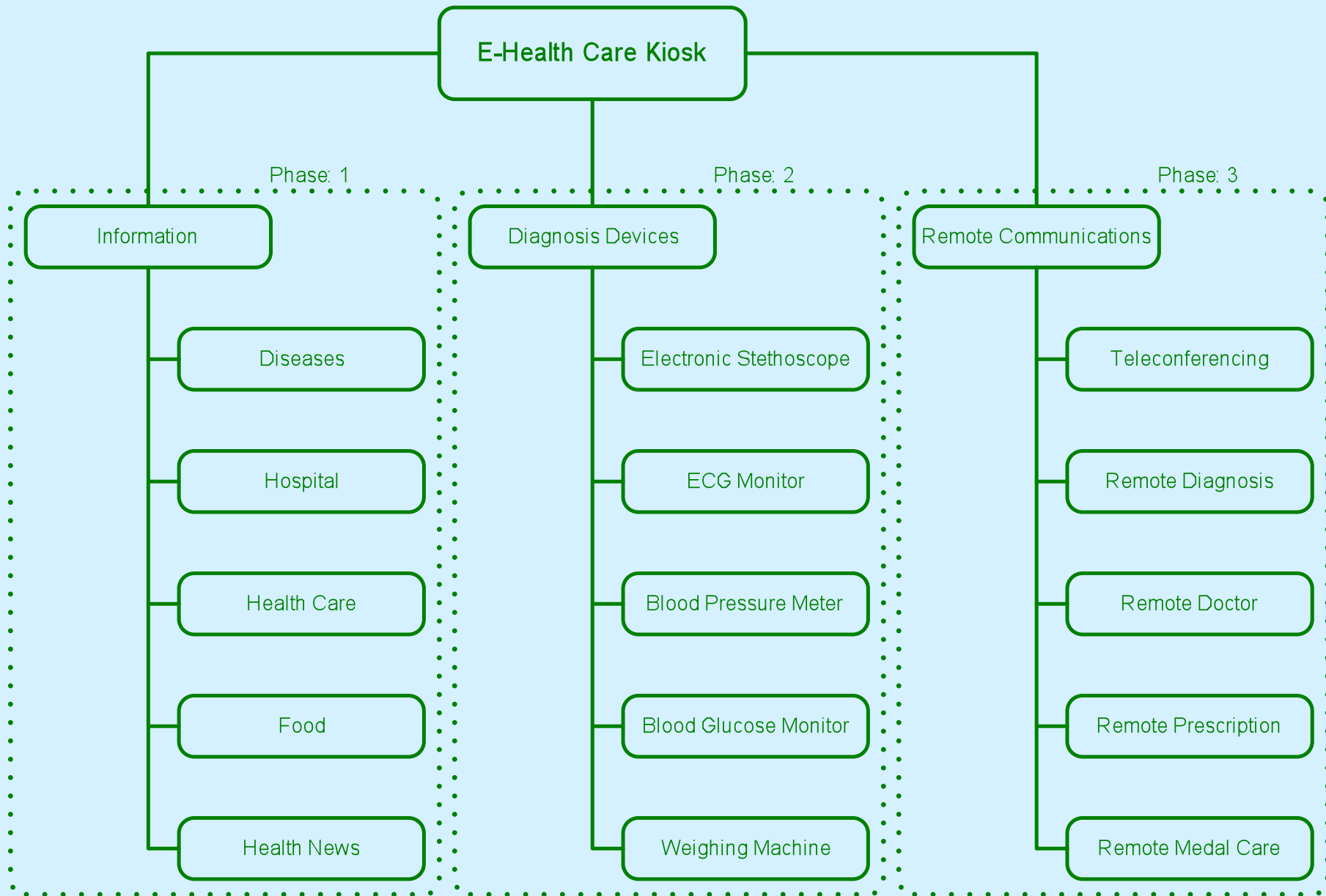


**PROJECT PROPOSAL  
FOR  
E-HEALTH CARE  
SOLUTION  
USING  
TOUCH SCREEN KIOSK**

# Three Phase Structure

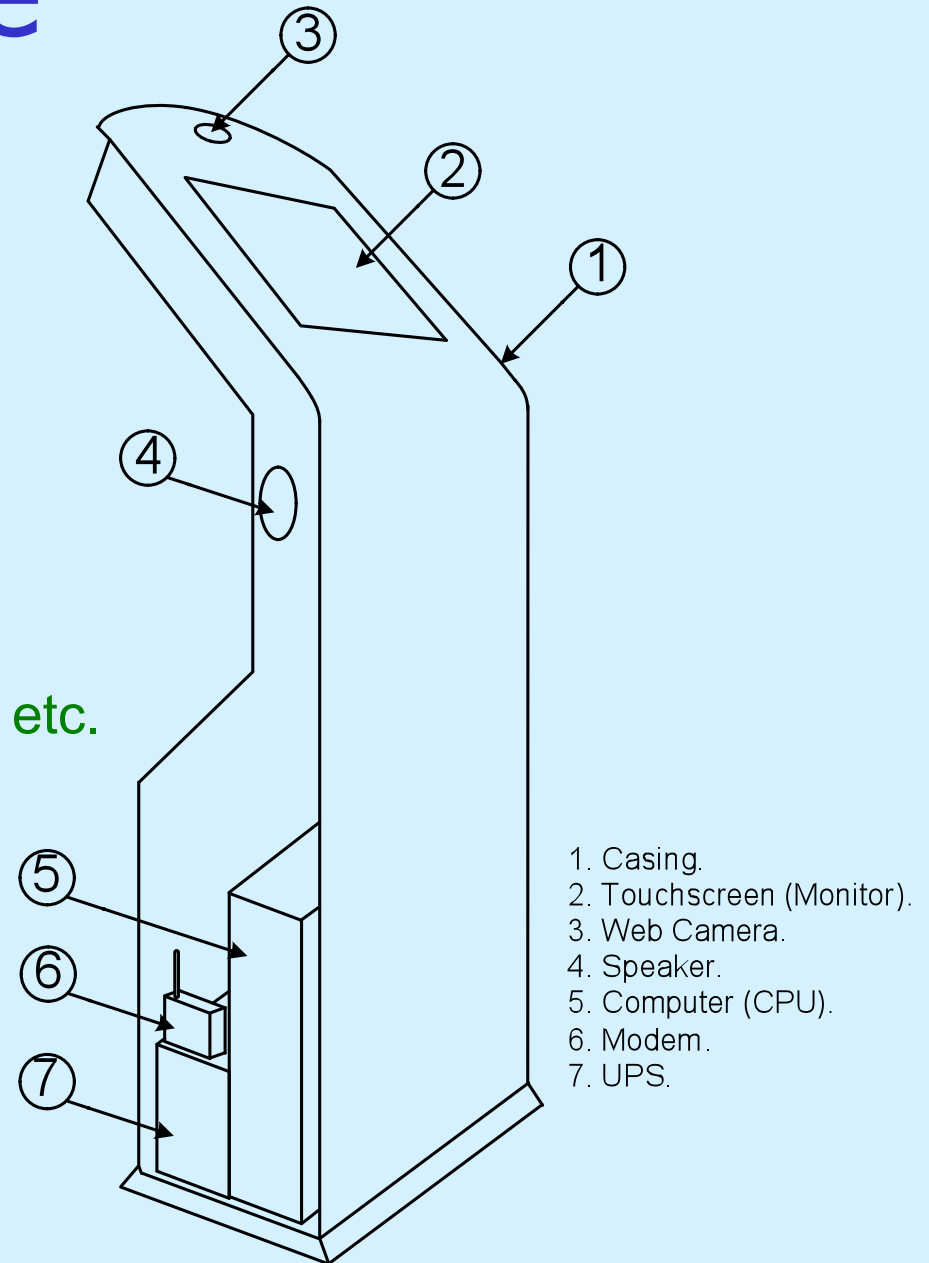


# Elementary Phase

(Information distribution)

Users will receive information on:

- physicians
- treatment guidelines
- maternity care
- diet chart
- health news
- hospitals and health care centers etc.



# Expenses for Elementary Phase

SL	Item Name	FOB	Unit Price	Qty	Amount In BDT
01	17" LCD Touch Screen Monitor*	Dhaka	Tk. 40000	1	40,000
02	ASUS EEE PC**	Dhaka	Tk. 26000	1	26,000
03	EDGE/GPRS Modem***	Dhaka	Tk. 10000	1	10,000
04	UPS	Dhaka	Tk. 4000	1	4,000
05	Printer	Dhaka	Tt. 11500	1	11,500
06	Kiosk Casing with Cooler and Cable	Dhaka	Tk. 30000	1	30,000
07	Speaker	Dhaka	Tk. 4000	1	4,000
08	Accessories	Dhaka	Tk. 5000		5,000
09	Miscellaneous		Tk. 10000		10,000
Grand Total:					1,40,500

\* Tk. 70800.00 extra for 3M USA

\*\* Wi-Fi Enable (Mini Laptop)

Speed: 933MHz, RAM: 512MB, HDD: 4GB

\*\*\* Tk. 70800.00 extra for solar panel

## Taka: 1,40,500

# Intermediate Phase

(Hardware Interface)

Services in this stage would include:

- Blood pressure measurement and alert
- ECG monitor and alert
- Blood glucose monitor
- Individual record keeping facilities
- Weight measurement and respective diet chart
- Instant measurement printout
- Past record printout



# Costing of Intermediate Phase

SL	Item Name	FOB	Unit Price	Qty	Amount In BDT
01	Omron 705IT Blood Pressure Monitor with PC Interface Cable and Software	UK	£129.94	1	17,672
02	3M™ Littmann® Electronic Stethoscope Model 4100WS with PC interface Cable and Software	USA	\$520	1	35,880
03	PC-80B Easy ECG Monitor with ECG Lead Wire, PC Interface Cable and Software	China	\$245	1	16,905
04	On-Call® Plus Blood Glucose Monitor with PC Interface Cable and Software	Dhaka	Tk. 3500	1	3,500
05	Digital Weighing Machine	Dhaka	Tk. 5000	1	5,000
<i>Money exchange rate:</i> £1= Tk. 136 on May 23, 2008 \$1= Tk. 69 on May 23, 2008					Grand Total: 78,957

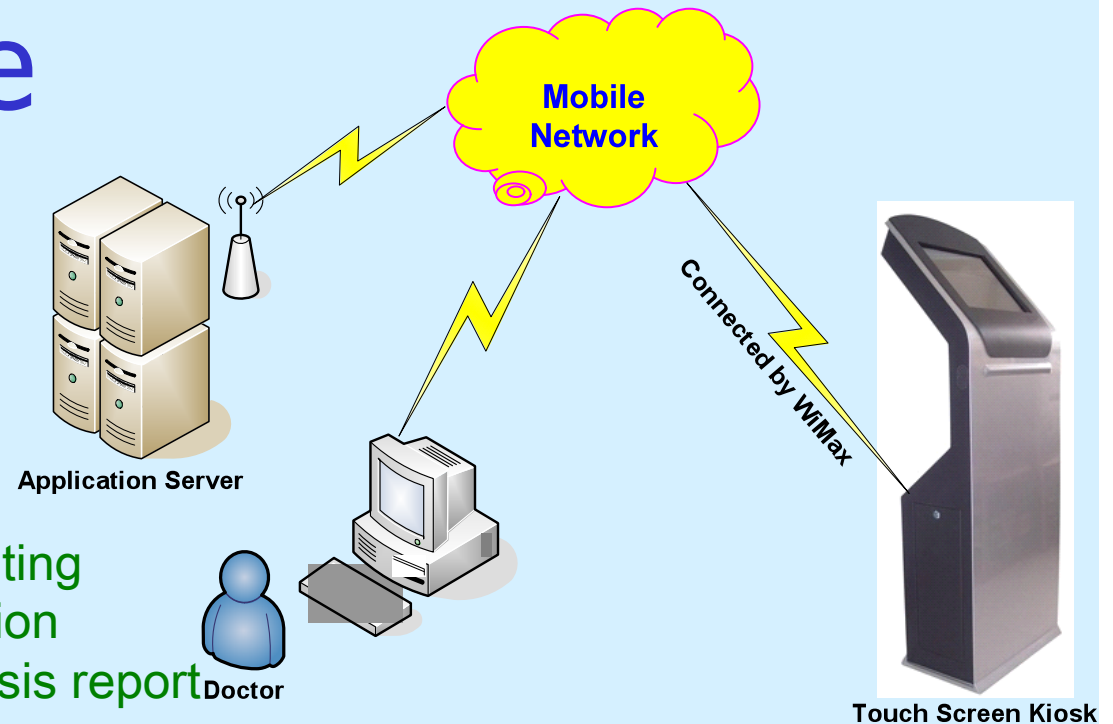
**Taka: 78,957**

# Advanced Phase

## (Communication Interface)

The options in this phase will include:

- Checking out the proper physician or specialist
- Booking an appointment and consulting the doctor over the Wi-Max connection
- Checking patient record and diagnosis report (from physician's terminal)
- Prescribing drugs and diagnosis
- Printing prescription
- Consulting available doctors for every day queries or emergency needs



### Related Expenses

SL	Item Name	FOB	Unit Price	Qty	Amount In BDT
01	Webcam	USA	Tk. 2000	1	2,000
02	Wireless LAN Card (for Wi-Fi or WiMAX)*	Dhaka	Tk. 2000	1	2,600

**Taka: 4,600**

# Required Manpower

For the one year Pilot project:

SL	Position of employee	Number of employees	Remuneration / month	Duration (in month)	Amount in BDT
01	Project Manager	1	Tk. 20,000	12	2,40,000
02	Interface Designer	1	Tk. 15,000	10	1,50,000
03	Hardware Engineer	1	Tk. 10,000	10	1,00,000
04	Technician	1	Tk. 5,000	10	50,000
05	Consultant Doctor	1	-	10	-
06	Content Writer	1	Tk. 5,000 / phase	10	10,000
Per Day manpower expense in Taka: 1,781/=					6,50,000

For real life implementation:

- Regular and specialist doctors
- Kiosk operators
- Data entry operators

**Taka: 6,50,000**

# Total Expense

SL	Item Name	Costing in BDT
01	Elementary Phase	1,40,500
02	Intermediate Phase	78,957
03	Advanced Phase	2,000
04	Manpower remuneration for one year	6,50,000
Grand Total:		8,71,457

**Taka: 8,71,457**

# Economical Version of Kiosk

SL	Item Name	FOB	Unit Price	Qty	Amount in BDT
01	17" LCD Touch Screen Monitor	Dhaka	Tk. 30000	1	30,000
02	ASUS EEE PC	Dhaka	Tk. 26000	1	26,000
03	EDGE/GPRS Modem	Dhaka	Tk. 6000	1	6,000
04	UPS	Dhaka	Tk. 4000	1	4,000
05	Printer	Dhaka	Tk. 11500	1	11,500
06	Kiosk Casing with Cooler and Cable	Dhaka	Tk. 15000	1	15,000
07	Speaker	Dhaka	Tk. 2000	1	2,000
08	Blood Pressure Meter (Manual)	Dhaka	Tk. 2000	1	2,000
09	3M™ Littmann® Electronic Stethoscope Model 4100WS with PC interface Cable and Software	USA	\$520	1	35,880
10	Plus Blood Glucose Monitor	Dhaka	Tk. 2000	1	2,000
11	Weighing Machine (Manual)	Dhaka	Tk. 1000	1	1,000
12	Webcam	Dhaka	Tk. 2000	1	2,000
13	Accessories	Dhaka	Tk. 5000		5,000
Grand Total:					1,42,380

**Taka: 1,42,380**

# Return of Investment

- Printout (elementary phase)
  - Diagnosis charge (intermediate phase)
  - Online doctor fee ( advanced phase)
- \*\* Information charge ?

**Thank You**