



Team08
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.NET Code Camp LUT, 25.-29.1.2010



Motivation

•Problem:

- Developed or Developing nations -> Busy with common problem and they forget the important information!!!!!
- My sister -> forget to take vaccination while she was pregnant!!
- Health worker Life is difficult to manage.
- •Is there any possibility?
 - YES
- •small application can provide the personal care, send the important information and that would be **CMC**.





UN MDG & FACTS

GOAL 4:

REDUCE CHILD MORTALITY

Target 1: Reduce by two thirds, between 1990 and 2015, the under-five mortality rate

GOAL 5:

IMPROVE MATERNAL HEALTH

Target 1: Reduce by three quarters the maternal mortality ratio

» Estimates for 2005 show that, every minute, a woman and abilithing Esumales for Zuup snow that, every minute, a woman and childbirth.

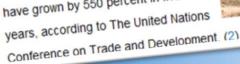
dies of complications related to pregnancy and childbirth.

This adds in to more than and non more adds. dies of complications related to pregnancy and childpirm.
This adds up to more than 500,000 women annually and 10 million over a generation. Almost all of these women QUICK FACTS 39 bet ceut - line and die iu denelobiud conutries. Maternal mortality shows the greatest disparity among Waternal mortality shows the greatest unspainty among countries: in sub-Saharan Africa, a womanications of the countries of the street treet the countries of the same treet only of the same treet on the same treet only of the same treet on the same t from treatable or preventable complications of her lifetime is pregnancy and childbirth over the course of her lifetime is pregnancy and childbirth over the course of the deviation of the devia from treatable or preventable complications of how pregnancy and children over the course of her inelime to 1 in 7,300 in developed regions.

The rich of a warman duing from example of the course of the cour The risk of a woman dying from pregnancy-related causes during her lifetime is about 1 in 7 in Niger compared to 1 in 17,400 in Sweden. oar, more than 1 million children are left The man I minimum common are rest to times mothers are up to 10 times who have not.

There has been a tremendous increase in the use of cell phones in the past decade. By the end of 2008, worldwide use of mobile phones had increased to about 4.1 billion. (1)

In Africa alone, mobile phone sales have grown by 550 percent in five









What CMC does?

- CMC [Care of Mother & Child]
- User creates profile and provide pregnancy date
- It provides the diet, symptoms info, child care info and vaccination alerts automatically on timely basis.
- Autonomous Message Service via SMS and Email notifications

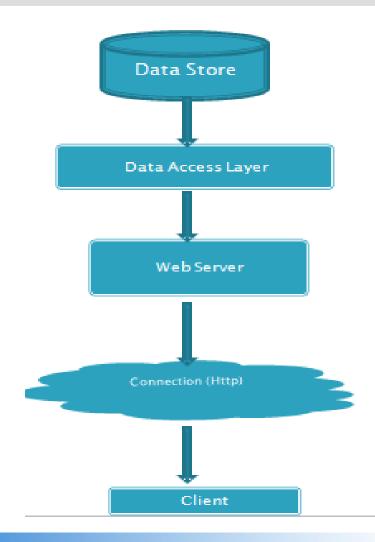




Technology / Architecture

- Framework
 - Microsoft .NETFramework version 3.5SP1
 - ASP. Net
- Language
 - C#
- Database
 - MS SQL Server 2008
- Tool
 - Microsoft Visual studio 2008

3 tier architecture followed
Presentation
Web Services
Data Access







Implementation challenges

- SMS Gateway was not freely available
 - Test gateway is used for simulation.
- Simulating the service scenario within short demo
- Our Focus during codecamp
 - •Rather than beautiful UI, creating autonomous environment using webservices





Future Extension

- Health worker coordination with pregnant women
- Statistical Report Generation
 - child birth and mortality rate, seasonal and region based problem.
- Development for mobile environment as well.



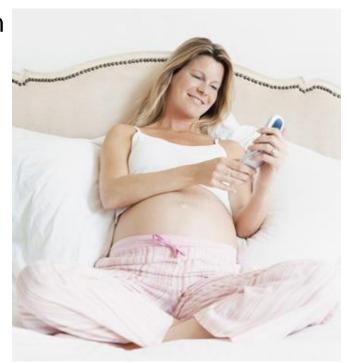


Summary

- CMC, helpful not only for pregnant women but also useful for health workers
- CMC will support the UN-MDG 4 & 5

ACKNOWLEDGEMENT

All mothers in the world. To all participants and organisers of .NET Code Camp 2010 @ LUT.



Thanks for listening to us

