Decision making aid for veterinary services

Pranav Mistry, IDC, IIT Bombay

‘New technologies has created new opportunities to look forward the vision of ‘Technology to Masses’ from different perspectives.’

Project Definition

With the vision of ‘Technology to Masses’, the project aims to make veterinary services in rural India more efficient with Decision making & planning aids.

Approach

The successful utilization of ICT to bridge the ‘Digital Divide’ with Study-Analyze-Design(SAD) approach is at the core to provide efficient veterinary services to rural people & their cattle. The lack of proper decision making support, record keeping, planning, resource management in current system seems the driving forces of the needs/problems.

Problems/Needs

40-20-40, decision, record keeping, ...

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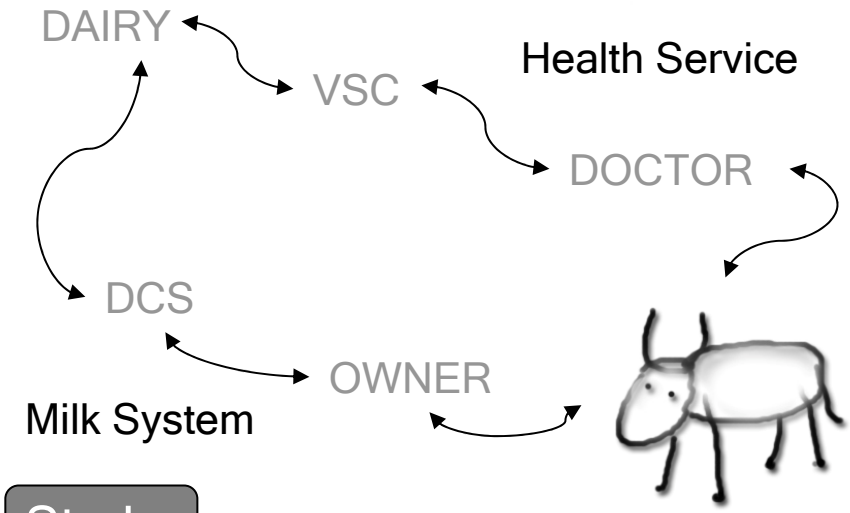


Study

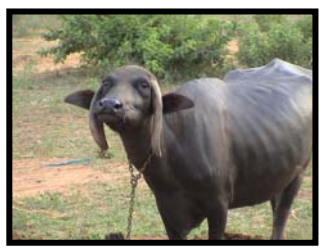
To get deep insight we studied the system thoroughly. We interacted with cattle owners, to veterinary doctors & cooperative planning manager to understand their real needs.

Objectives

With the help of Amul, to provide efficient services to rural people we are trying to cover following objectives

- Decision making support time, services & resources like doctors, cure centers
- Record keeping & database
- To solve 40%-20%-40% problem
- Interaction of cattle owner with dairy as well Scheduling the visit of doctor
- Help, support in planning & resource management



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Early design ideas

- Time management & scheduling system at the dairy end.
- Handheld device for veterinary doctors providing history & statistics of cattle, also automatic visit schedule updating
- System for Interaction between owner & service center for request of doctor visit & emergency cure.
- Interface between doctor & VSC (Veterinary Service Center)

Future plans

Contextual Inquiry at Banaskantha, Gujarat with the help of Banas Dairy (Amul)
Early conceptual design of system
. . . . .

The project is aimed at villages of **Banaskantha** district in **Gujarat**.