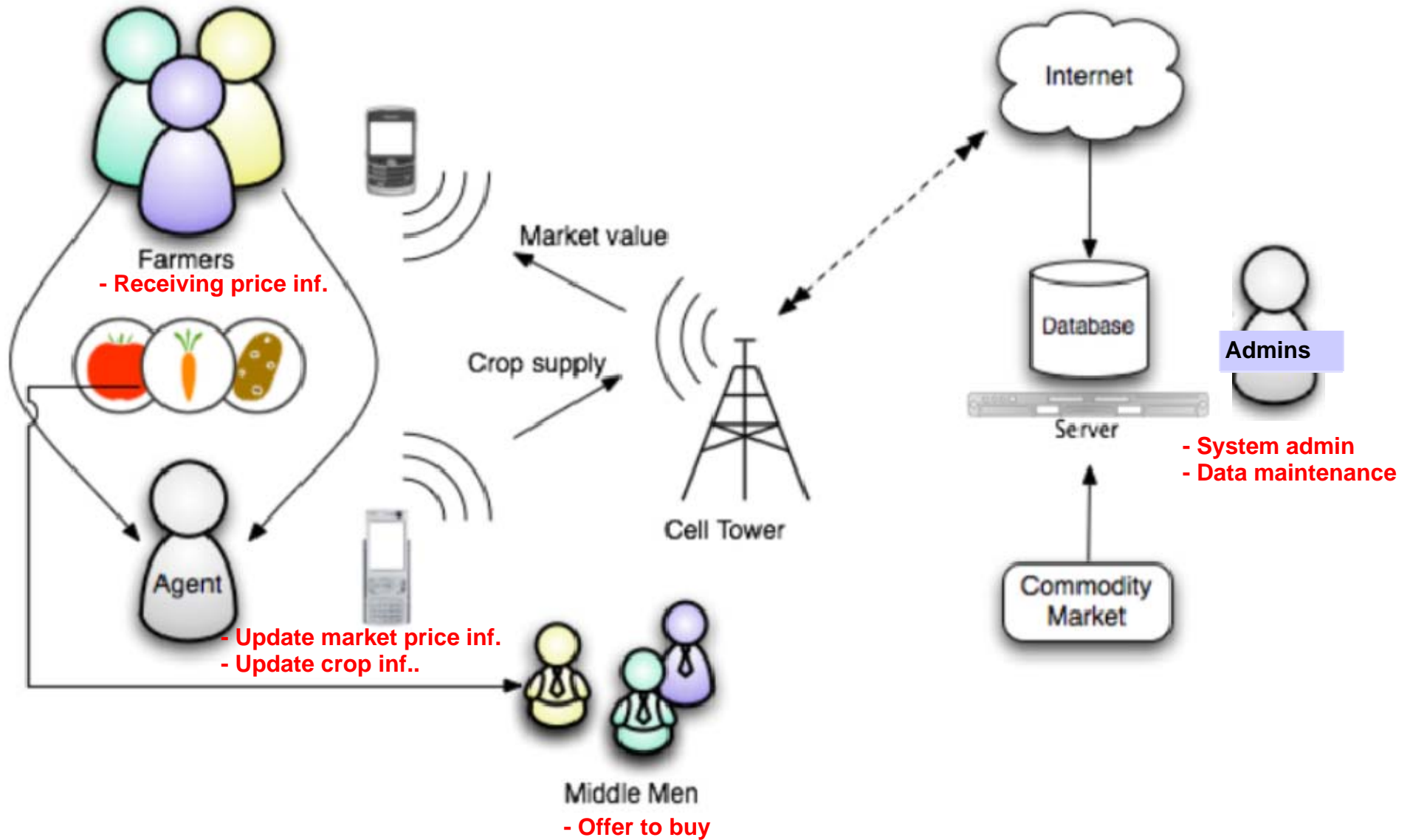


Giving Farmers a Fighting Chance: Transforming the Rural Economy in Zacatecas through Mobile Technology

Milestone #4

System Review



Sustainability Overview

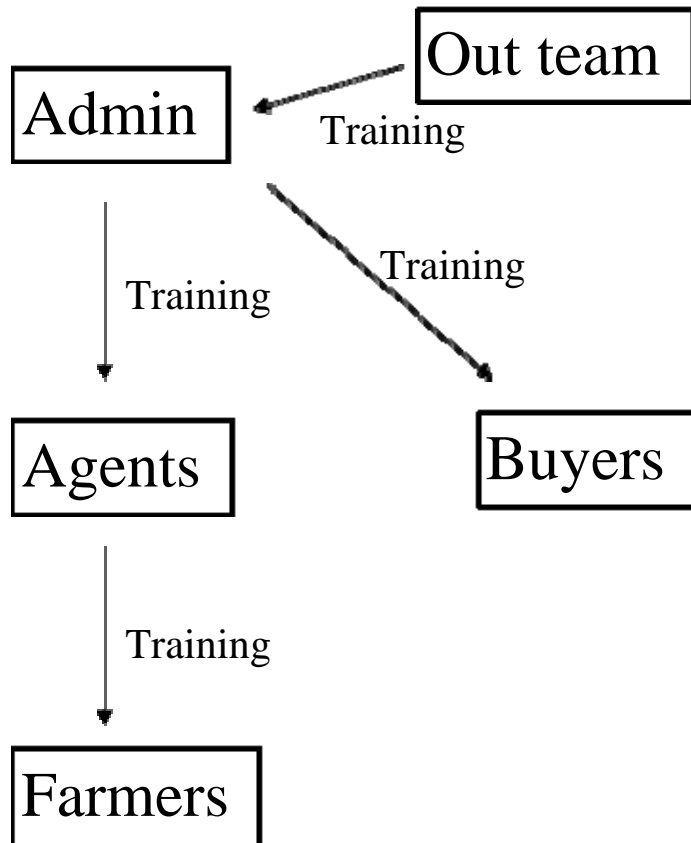
- Human Resources
 - (initial stage) Managed by our team & partner
 - (future) Independent as NPO
- Technology
 - (initial stage) Training by our staff
 - (future) Self-training and apprenticeship
- Operational
 - Incorporate farmers from current trials
- Financial
 - (initial stage) Financial support from banks
 - (future) Continuous investment by farmers

Human Sustainability

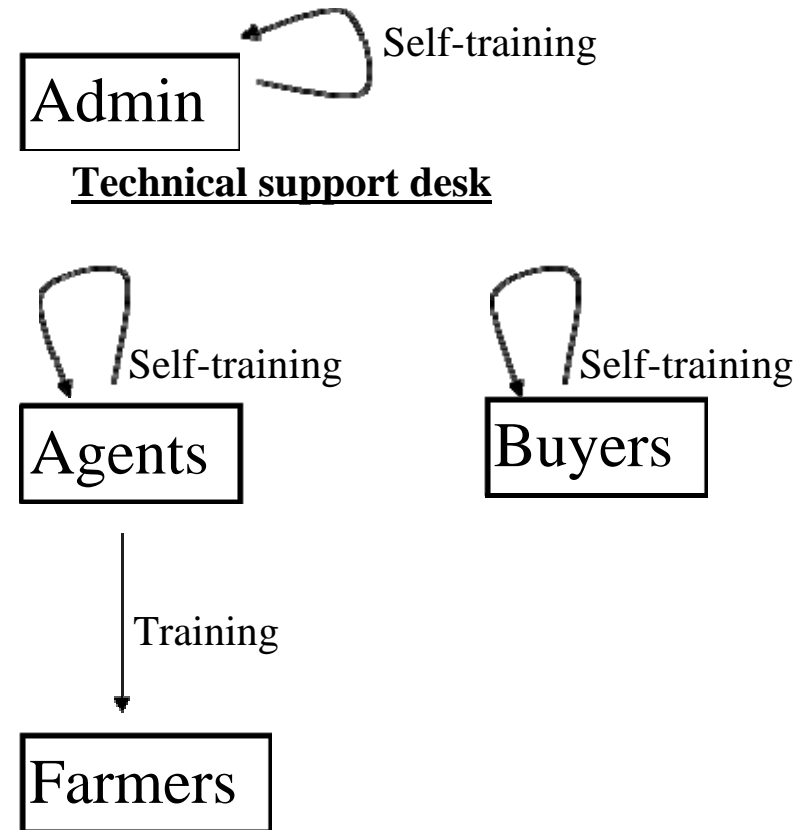
- Project Managers
 - (initial stage) Our team & partner
 - (future) Employed managers
- Administrators
 - (initial stage) Our team & ITESM students
 - (future) Employed technicians
- Agents
 - Local village leaders
 - Liaison between project and government
- Farmers
 - Farmers
- Buyers
 - (initial stage) Existing middlemen
 - (future) Existing middleman and whole sellers / retailers

Technological Sustainability

(initial stage)



(future)



Financial Sustainability (1)

(initial stage)

- Income
 - Support from Gov
- Outcome
 - PC, Cell phones
 - Other equipments
 - Software development (incl. documentation)

(future)

- Income
 - Commission fee from farmers
 - Support from Gov
- Outcome
 - Operating costs
 - Labor costs
 - Continuous investment

Financial Sustainability (2)

(US\$)	(initial stage)	a FY (in future)
IN	15,000	80,000
1. Support from Gov (or ITESM)	15,000	20,000 (Covering operating/management cost)
2. Commission fee	0	60,000 (\$2,000/yr from each community)
OUT	15,000	77,400
<u>Investment</u>	<u>15,000</u>	<u>4,700</u>
1. Server, PC, Cell phone	10,000	4,000 (Total value \$20,000, 5 yrs life)
2. Other equipments	5,000	700 (7 yrs life)
<u>Operating/Management cost</u>	<u>0</u>	<u>15,700</u>
1. Office rent	0	10,000 (Studio size office - less than \$1,000/mon)
2. Communication charges	0	900 (Broadband \$75/mon)
3. Lighting, Heating, etc.	0	2,400 (\$200/mon)
4. Others	0	2,400 (\$200/mon)
<u>Labor cost</u>	<u>0</u>	<u>57,000</u>
1. Manager	0	16,000 (\$16,000/yr)
2. Technical staff	0	16,000 (\$16,000/yr)
3. Local Agents	0	25,000 (\$500/yr * 30 communities)
TOTAL	0	2,600

Assume that annual income of a farmer family improves from \$2,000/yr to \$4,000/yr. If there are 20 families in a community, a family pays \$100/yr for this project. (5% of income improvement)

Qs/Cs?

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Fall 2008

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