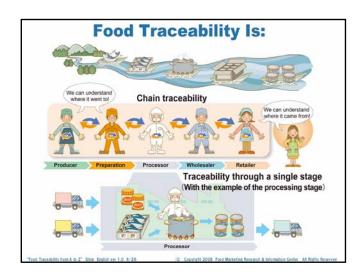
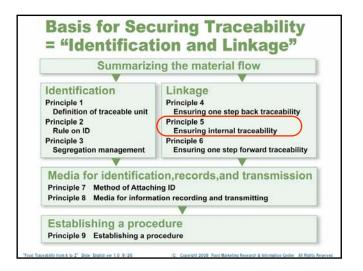
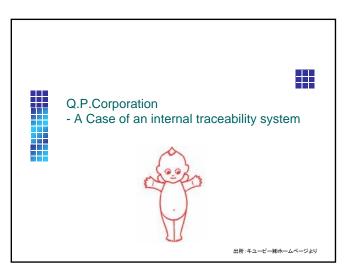
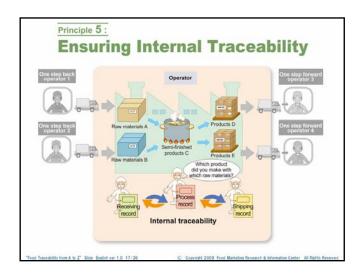


The ability to follow the movement of food through specified stage(s) of production, processing and distribution Notes: 1. This is the definition agreed at Codex Alimentarius held in JuneJuly of 2004. 2. "Ability to follow the movement" in this definition refers to tracing both directions; trace forward and trace back. 3. "Movement" can relate to the origin of the materials, processing history, or distribution.



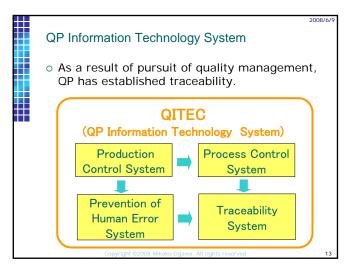


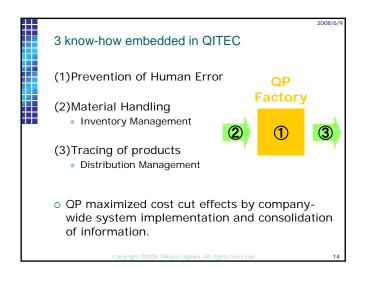


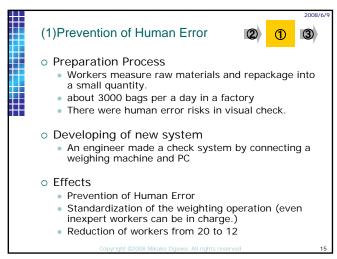




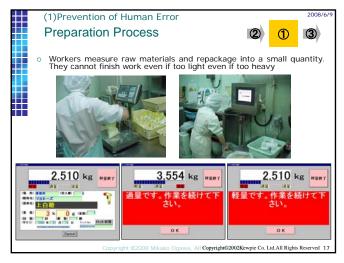


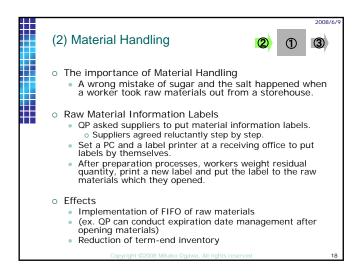








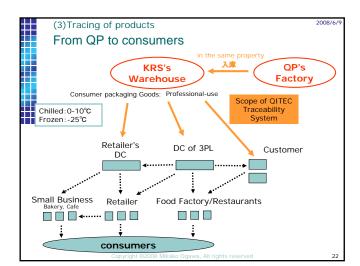


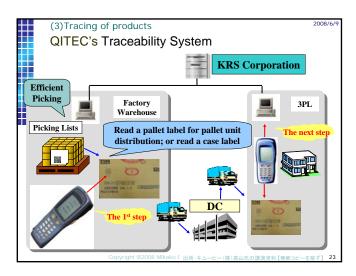




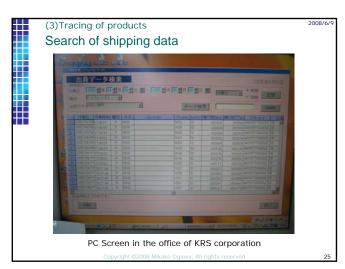


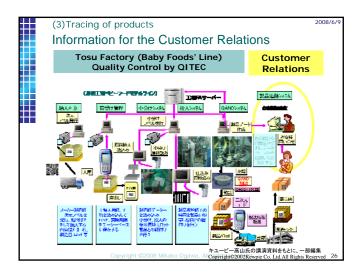


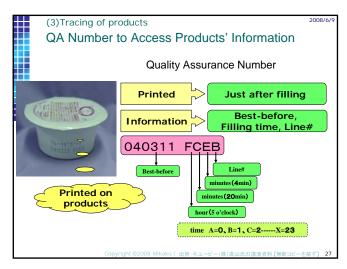


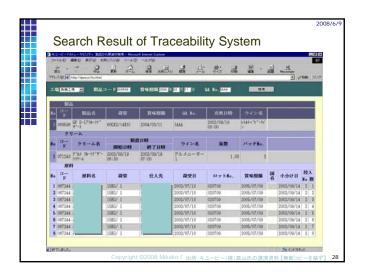


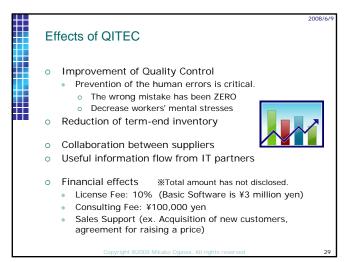




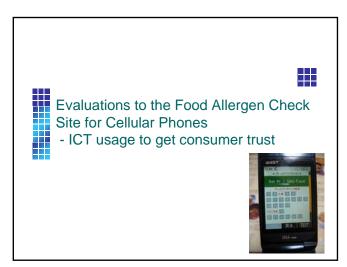












Agenda

Objectives

- Words
- Background
- History of our project
- o Design of an allergen check site
- Monitor survey
- Conclusion
- Limitation and Future Work

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Objectives

To explain that...

- The food allergen check site is a useful tool for those suffering from allergies and their families.
- Our project have developed the allergen check site for cellular phones. In March 2008, We conducted a monitor survey.
- As a result of the survey, some revision of the design is necessary. Overall though, evaluations have been positive.

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words

- allergy: An overreaction of the immune system to particular substances. In the case of an allergy, the immune system produces symptoms which can be highly unpleasant and make a person ill.
- o allergen: Triggers of allergy disease
- anaphylaxis: A critical allergy disease. In rare cases there may even be a life-threatening shock reaction.

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Background: Food Allergy

 Allergen in Japan: egg(39%),milk/dairy products(16%), and so on

> 2000-2002, the Survey of Ministry of Helthcare and Welfare

o Infants have higher rates of allergy diseases.

infant 10%
three-year-old child 4~5%
school going age 2~3%
adult 1~2%

○ 平成15年度~17年度、厚生労働科学研究

○「食物等によるアナフィラキシー反応の原因物質(アレルゲン) の確定、予防・予知法の確立に関する研究」

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Background: Government Directives

- o 2003 revision of the Food Sanitation Law
 - For processed foods
 - The law oblige to indicate 5 items,
 - o wheat, soba, eggs, milk, peanuts
 - and recommend to indicate 20 items
 - abalone, cuttlefish, lobster, crab, salmon, mackerel, beef, chicken, pork, gelatine, soy beans, matsutake mushroom, yam, orange, kiwi, banana, peach, apple
- o 2005 Approval of an Epinephrine Pen
 - the Ministry of Health and Welfare
 - A self-administered epinephrine kit for anaphylaxis

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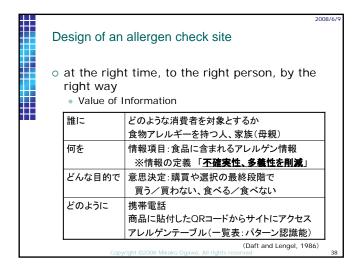
History of our project

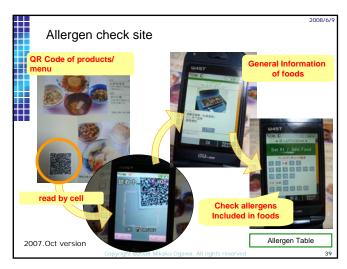
o 2006 : started the project in Keio Univ.

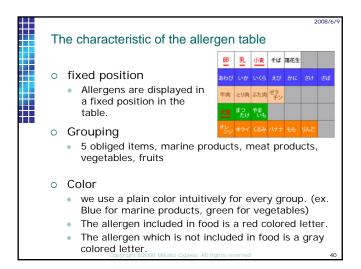
- o 2007.4: transferred to TUMST, co-project between 2 universities started.
- o 2007.5: patent survey
- 2007.10: started collaborative research with a mobile service company, Nepoland Co.,Ltd
- 2007.11: made a mock-up , poster presentation at Keio SFC Open Research Forum
- o 2008.Mar: β version release, conducted a monitor survey

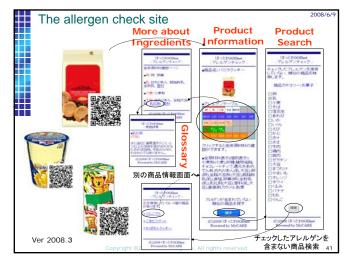
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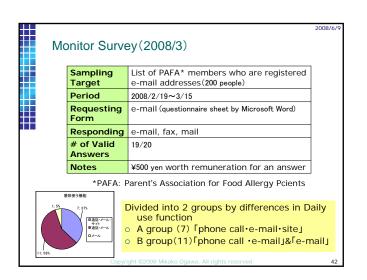
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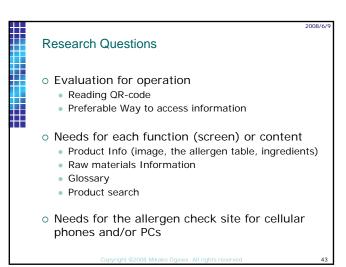


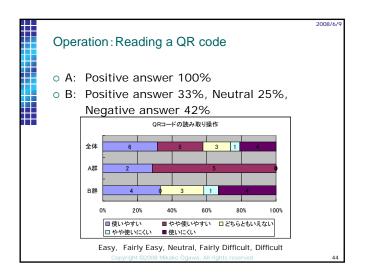


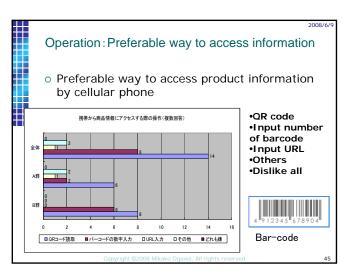


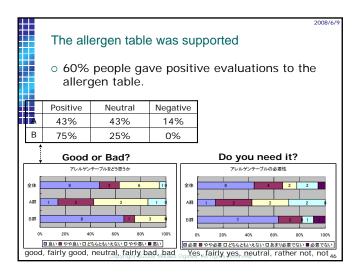


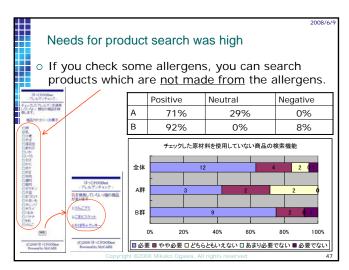


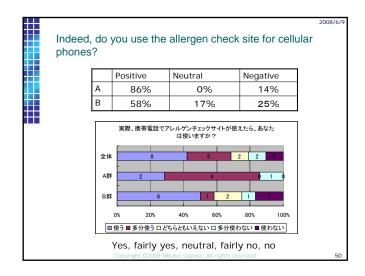














Conclusion

The food Allergen check site is a useful tool for those suffering from allergies and their families.

Some revision of the design is necessary. Overall though, evaluations have been positive.

They clearly show that the demands and expectations for information services via cellular phones are high.

Limitation and Future Work

Limitation: Just a 20 monitor survey

Future Work:

Improvement of design

Information access via a bar-code (not via a QR code)

Providing this service for PC users has to be the next step. As it stands, people pay a lot of money for foods or cooking goods to prevent them suffering from allergy reactions.

O Traceability
Background, Definition, etc.

O QITEC of QP Corporation
A Case of an internal traceability system

Evaluations to the Food Allergen Check Site for Cellular Phones
ICT usage for consumer trust

Thank you.

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http://ogawamikako.com/

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