新規参入農家支援システムの開発　システム工学特別演習 Final DR 2017.7.28(金)

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Background

Trends in armers newly entering

(千人)
33.7
15.0
4.3
S55　H2　6　24

Issues of farmers newly entering

- other 16%
- Little income 31%
- Difficult to sell 4%
- Lack of land 8%
- Fund of lack 21%
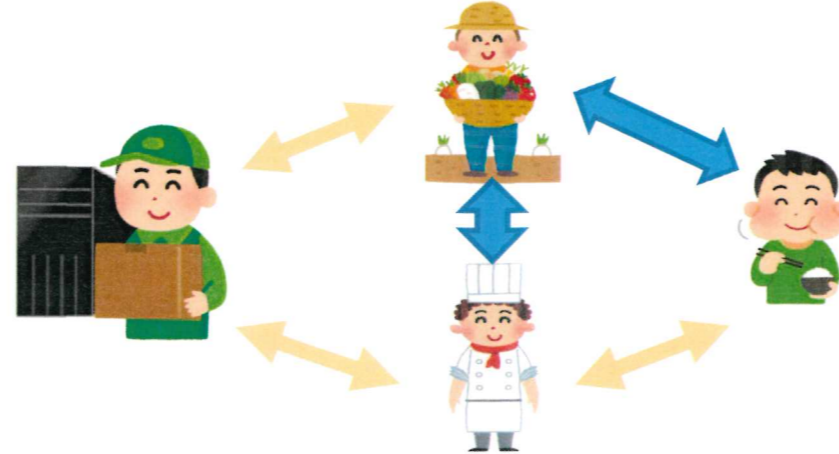- Immature technique 20%
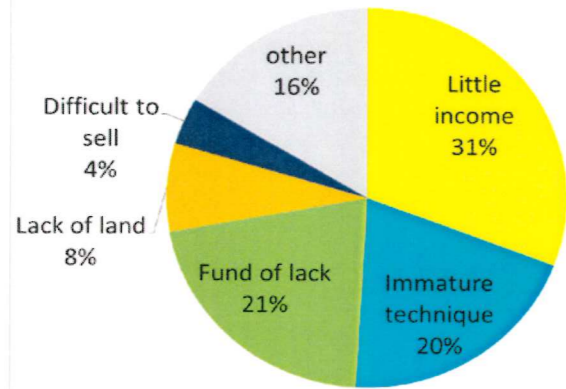
Precedent case

- ➢ 地（知）の拠点整備事業(COC) in two years ago
- ➢ Schedule management of agriculture possible
- → Improvement of technical shortage is expected

purpose

Development of a connection support system for agricultural newcomers
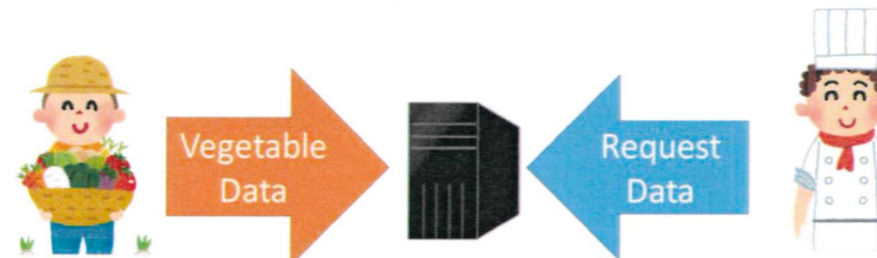
System Details

Install a server on behalf of wholesalers

manage the server

- ✓ Leave management to **Delivery trader**

There is no need to ask a delivery company Because fewer people involved, you can reduce costs

Server role

Vegetable Data　Request Data

- ➢ Farmers register vegetable data
- ➢ The restaurant registers vegetable data restaurant want match on server

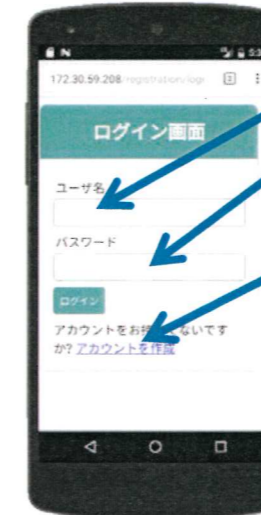Customer　Transport　Delivery trader　Delivery　Restaurant

- ➢ Have Restaurant advertise farmers to customer
- ➢ If Restaurant like vegetables, get them to become repeaters

Prototype details

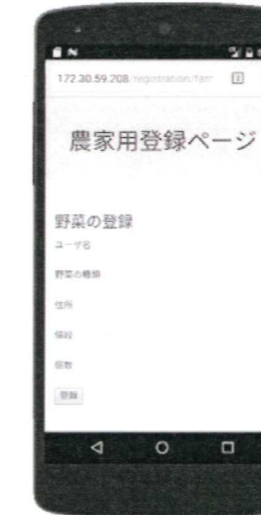We actually created a sever and login system

Login screen

ログイン画面
ユーザ名
パスワード
ログイン
アカウントをお持ちでないですか? アカウントを作成

- Enter user name and password
- It is also possible to create a new ID
- ✓ The created ID are stored in the server

Famer's page

農家用登録ページ
野菜の登録
- ➢ User information
- ➢ Vegetable type
- ➢ Amount of vegetable
- ➢ Region

Registered information is aggregated in the database. Matching is performed from the information.

Value To Search
Filter

Database

ID	Producer	Date	Types of vegetables	prefecture	Price	Amount
0	saito	2017-07-01	tomato	saitama	100	100
1	lamine	2017-07-20	potato	tokyo	50	100
2	kitamura	2017-08-02	apple	chiba	200	50

Future plan

- ✓ Development of matching system
- ✓ Make system automatically create materials for delivery
- ✓ Automati generation of advertisement