



# Mobile app



# Make data accessible

- Assign subsamples to campaigns
- Specify sampling dates
- Assign subsamples to shoppers
- Set status to Planned

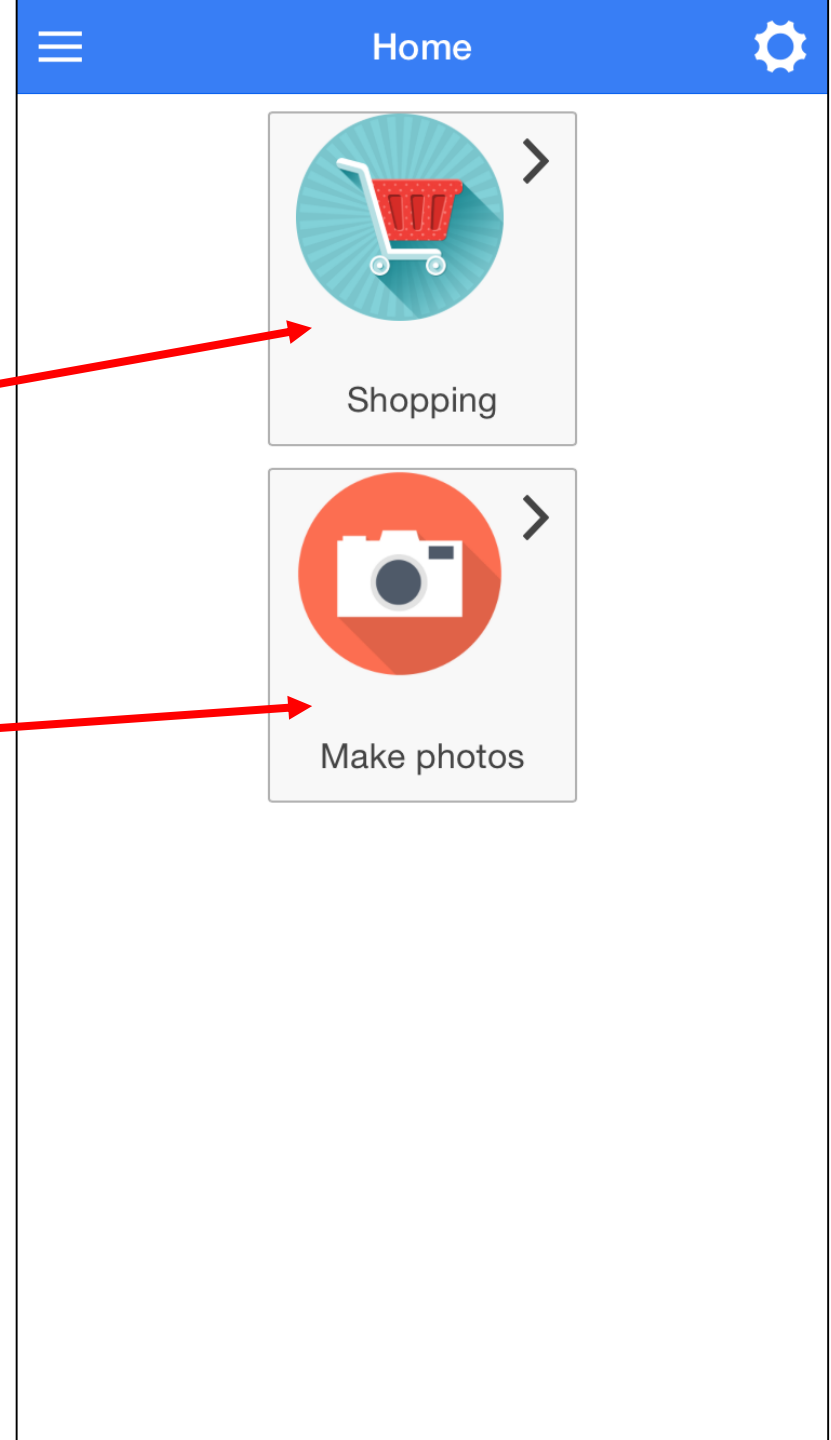
# Workflow

- Login
- Get data from server
  - Only subsamples which are assigned to logged in user (sampled by field)
  - But...
    - Different user logged in
    - New user did not synchronized data
    - Previous user data visible
- Use app for buying, update statuses
  - Foods and Ingredients
  - Recipes are not assigned to any user (sampled by)
- Scan barcodes
- Take photos
- Send data back to server

# Main menu

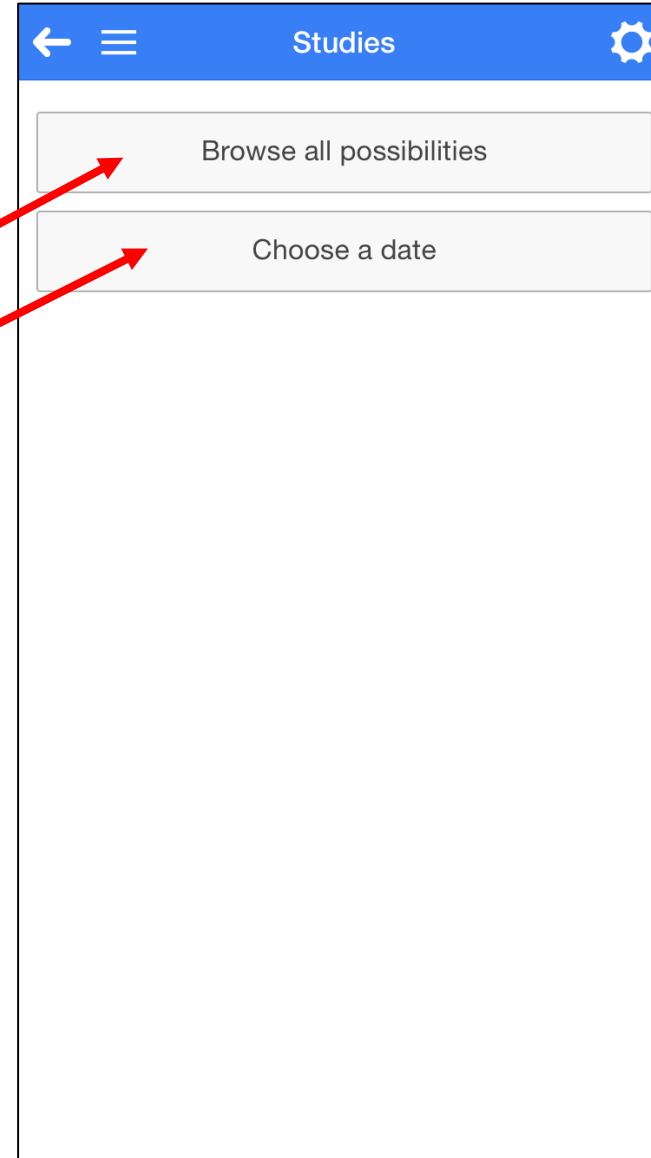
Do the shopping (in a shop)  
Make photos (in a car)

Make photos (in a car)



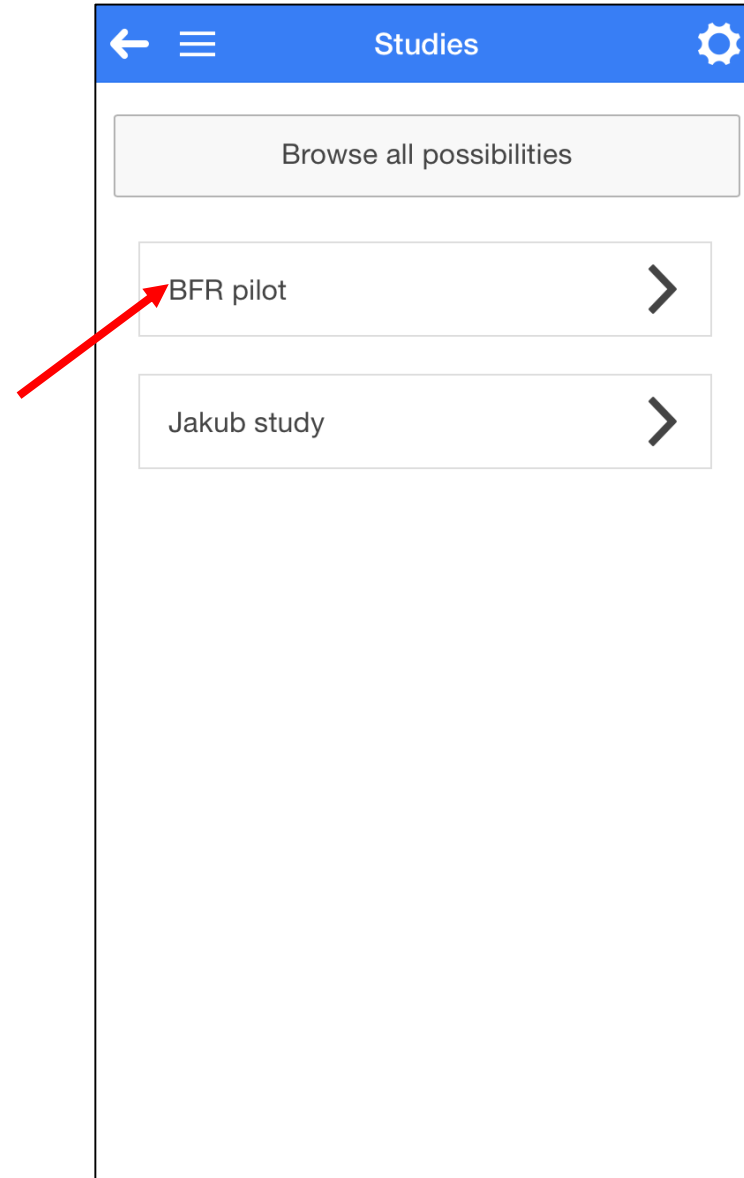
# Shopping

- Find shops by:
  - Studies and campaigns
  - Sampling dates
- Browse list of shops



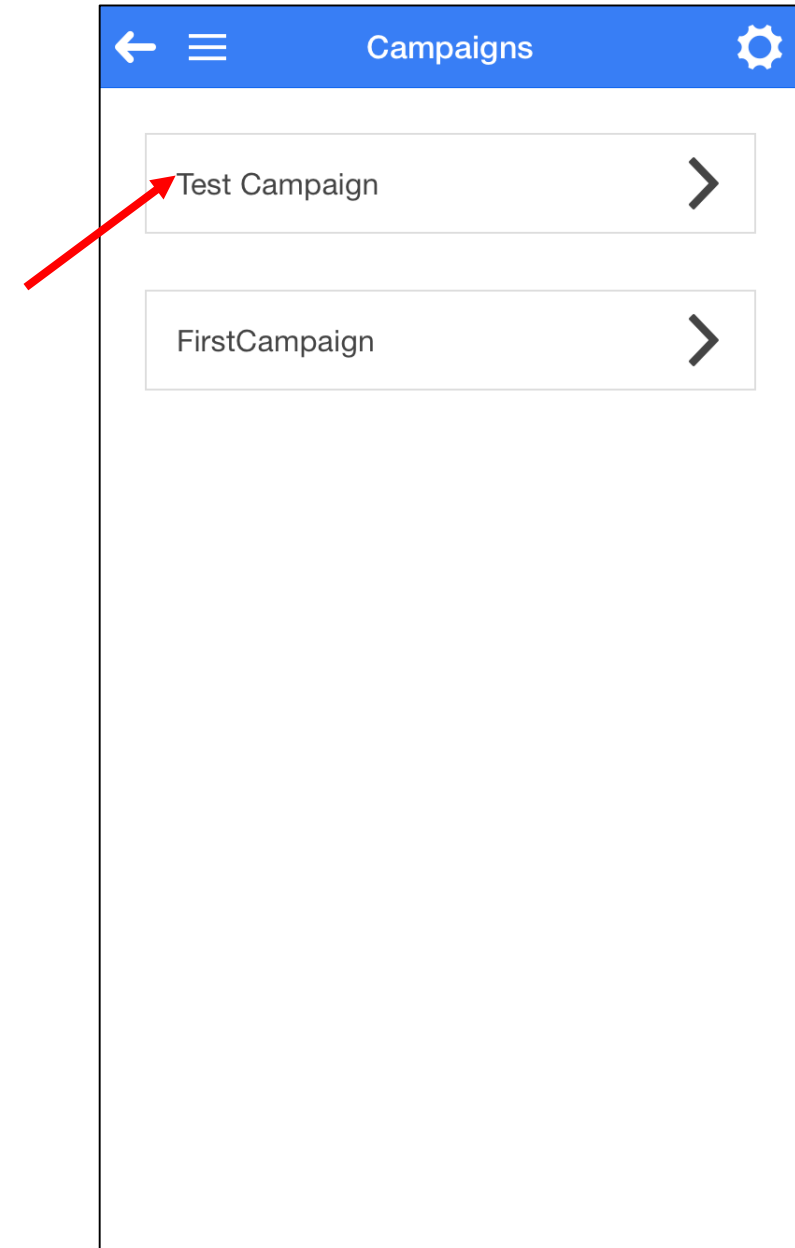
# Browse all possibilities

## 1. List of all studies



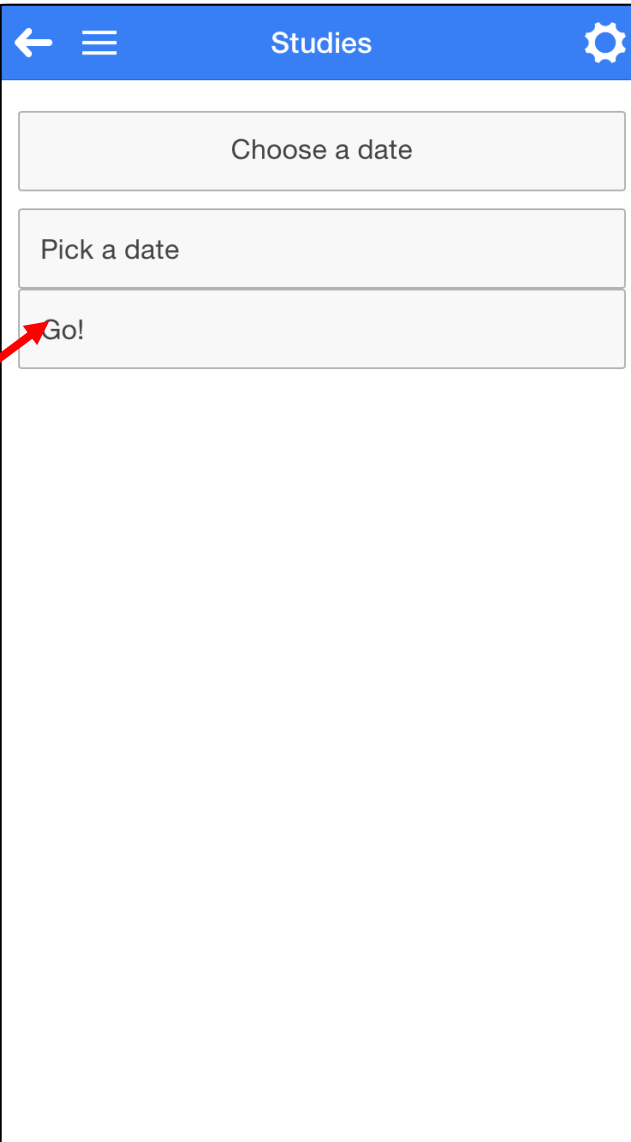
# Browse all possibilities

2. List of all campaigns  
belonging to a selected  
study



# Choose a date

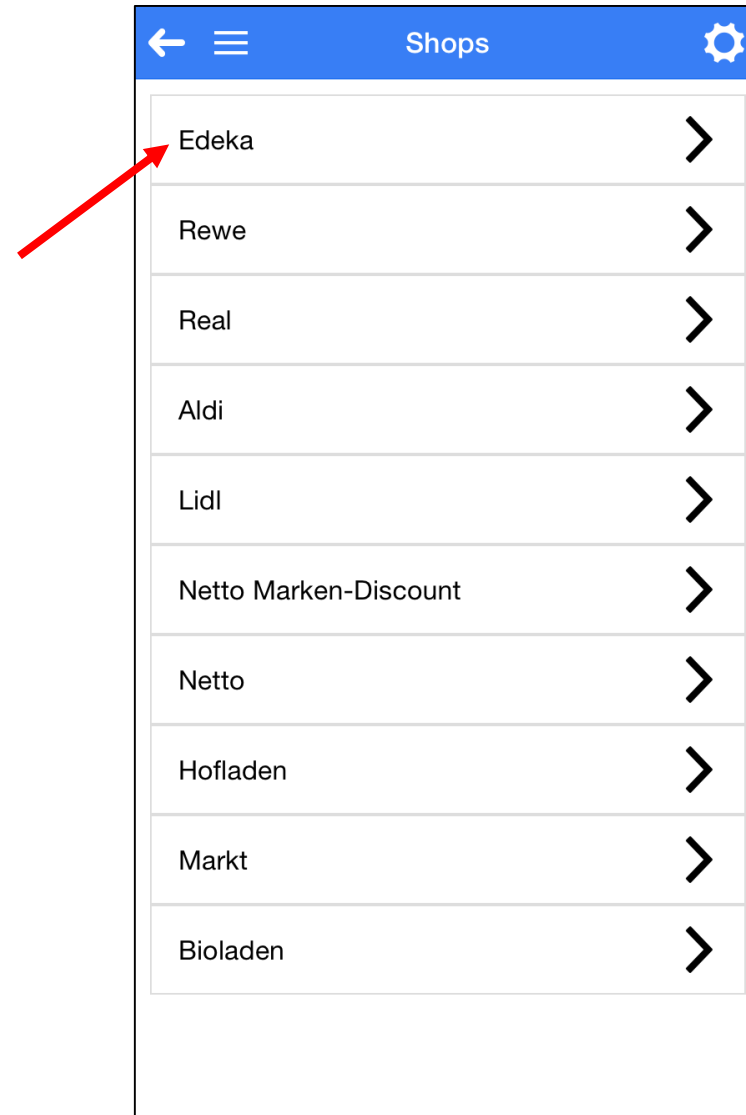
1. Pick a date
2. Go!



The image shows a mobile application interface with a blue header bar. The header contains a back arrow, a hamburger menu icon, the title "Studies", and a settings gear icon. Below the header, there are three light gray rectangular input fields stacked vertically. The first field contains the text "Choose a date". The second field contains the text "Pick a date". The third field contains the text "Go!". Two red arrows originate from the left side of the screen and point towards the "Go!" field, indicating the next step in the process.

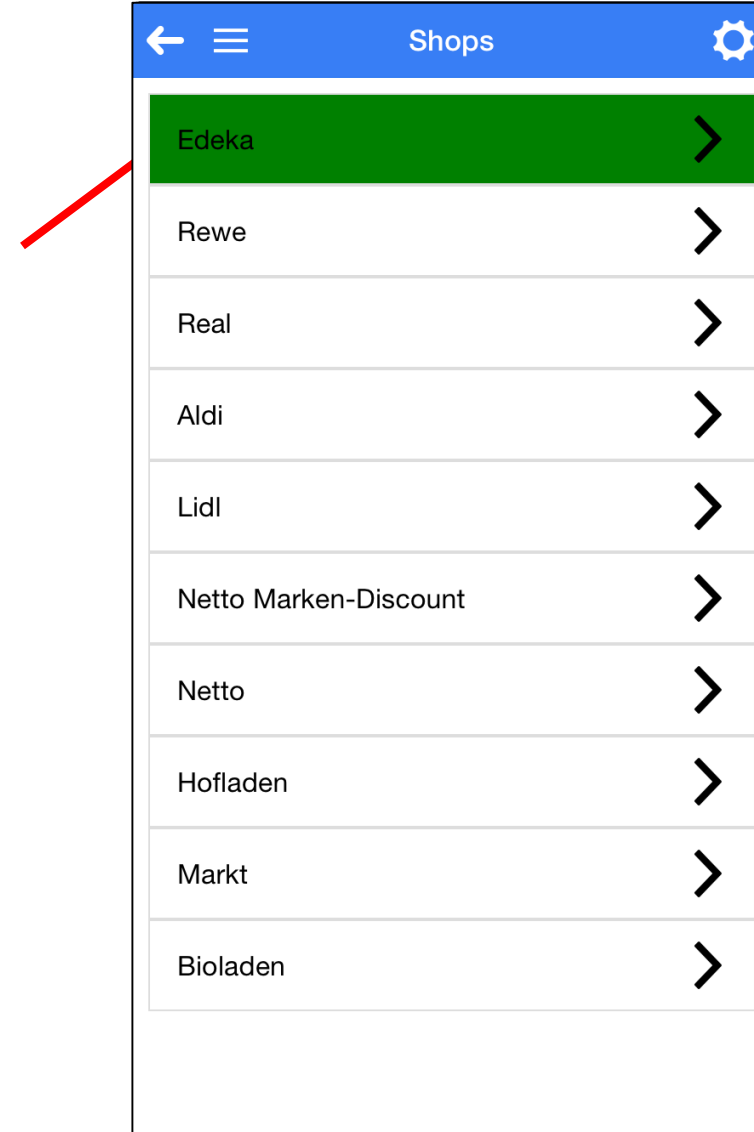


# Browse shop list



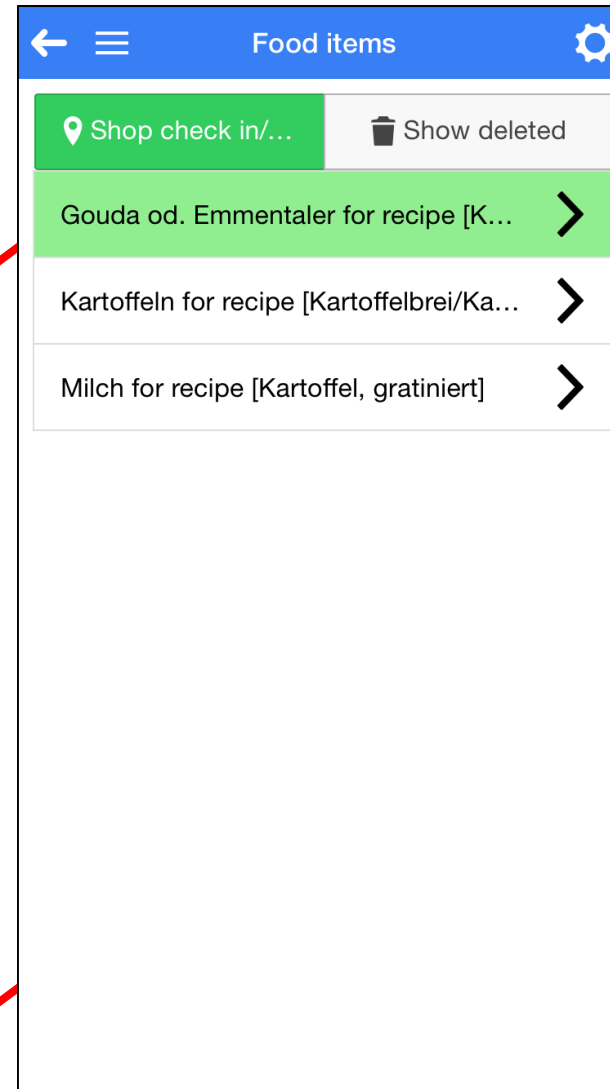
# In a shop

- To be able to buy or execute other actions on subsamples one needs to **check in**
- Shops where a user is checked in are highlighted with green



# Selected subsample

- Select a subsample
  - Buy
  - Edit
    - Change data
    - Buy partially
  - Replace
  - Cancel
  - Scana barcode
  - Take photos
- To buy simply click **Buy it!** button
- Bought items are highlighted with green
- Subsample can be unbought by clicking **Bought** button one more time



# Change subsample

- Click **Change it!** Button
- At the top user can see **Second best** procedure
- All fields are editable except **Name** and **BfR code**
- Save changes by clicking **Save changes** (if not changes – saving not possible)

← Edit Details ⚙

**Type:**  
mehligkochend

**Husbandry type:** ▾

**Origin:**

**Minimum amount (items):**

**Minimum amount (grams):**  
684

**EAN code:**

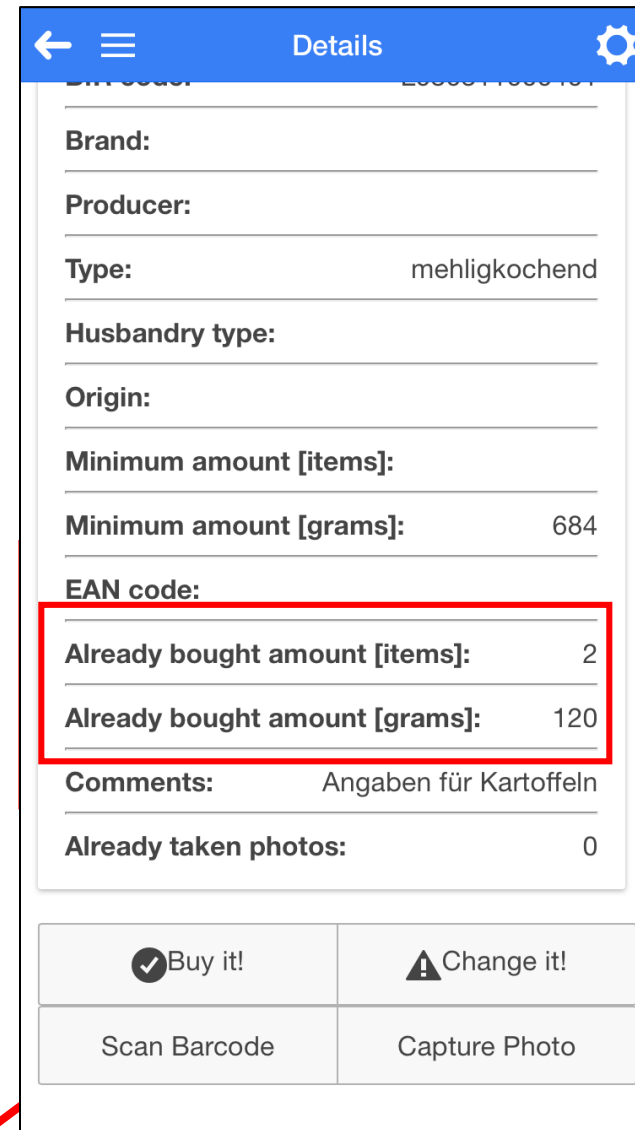
**Comments:**  
Angaben für Kartoffeln

✓ Buy it! ⚠ Incom... ✗ Canno...

✓ Save changes

# Partial buying

- If not possible to buy desired amount of product
- Click button **Incomplete**
- Two new fields will appear
- Type bought amount
- Click **Save changes** button



← Details ⚙

Brand:

Producer:

Type: mehligkochend

Husbandry type:

Origin:

Minimum amount [items]:

Minimum amount [grams]: 684

EAN code:

Already bought amount [items]: 2

Already bought amount [grams]: 120

Comments: Angaben für Kartoffeln

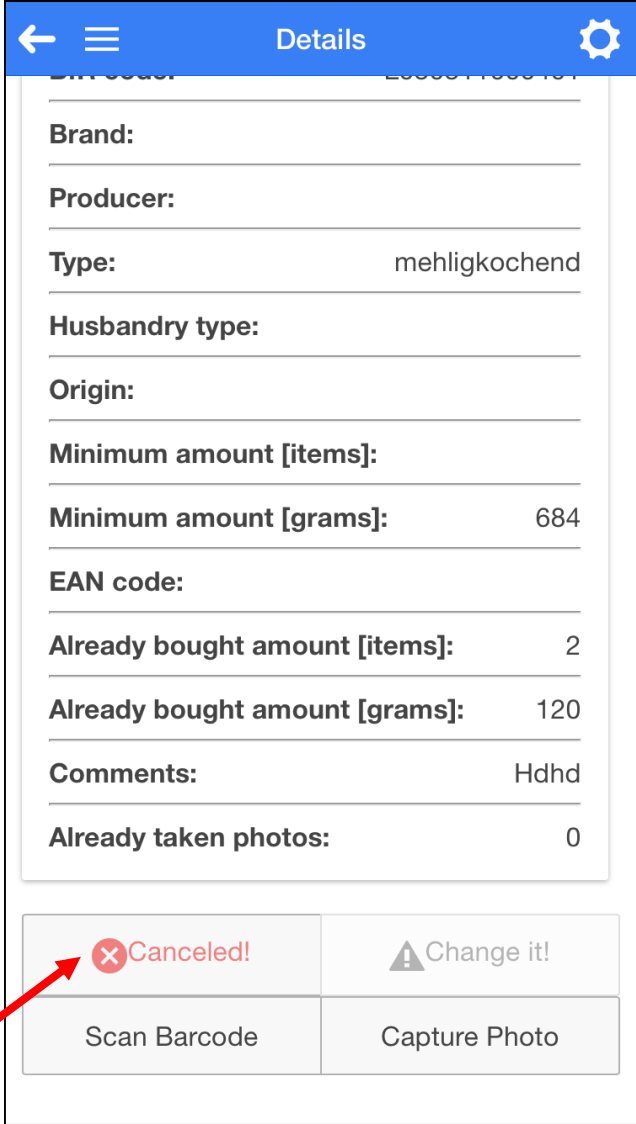
Already taken photos: 0

✓ Buy it! ⚠ Change it!

Scan Barcode Capture Photo

# Cannot buy

- If subsample cannot be bought it can be cancelled
- Click button **Cannot buy**
- From the popup menu select **Item cannot be bought**
- Provide **reason** for cancelling
- To display cancelled subsamples click **Show deleted**
- Subsample can be uncanceled by clicking button **Canceled!**



The screenshot shows a mobile application interface titled "Details". It contains several input fields and labels:

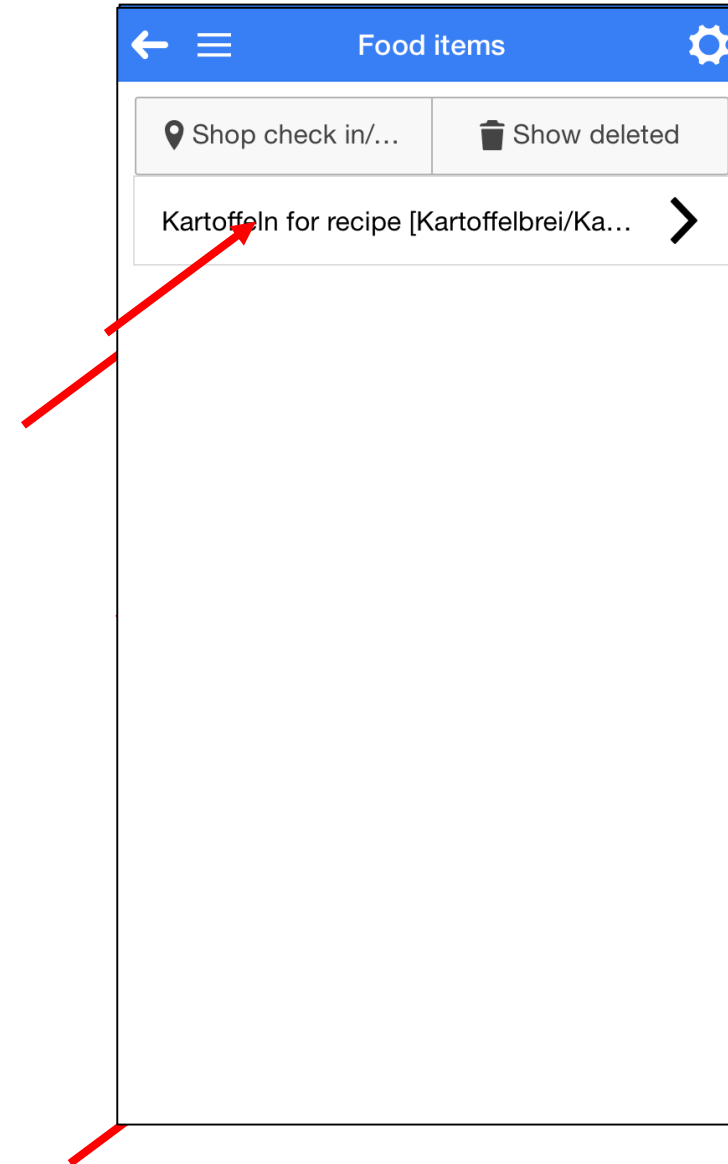
- Brand:
- Producer:
- Type: mehlighkochend
- Husbandry type:
- Origin:
- Minimum amount [items]:
- Minimum amount [grams]: 684
- EAN code:
- Already bought amount [items]: 2
- Already bought amount [grams]: 120
- Comments: Hdhd
- Already taken photos: 0

At the bottom of the screen, there are four buttons arranged in a 2x2 grid:

- Top-left: **Canceled!** (with a red 'x' icon, highlighted by a red arrow)
- Top-right: **Change it!** (with a warning triangle icon)
- Bottom-left: **Scan Barcode**
- Bottom-right: **Capture Photo**

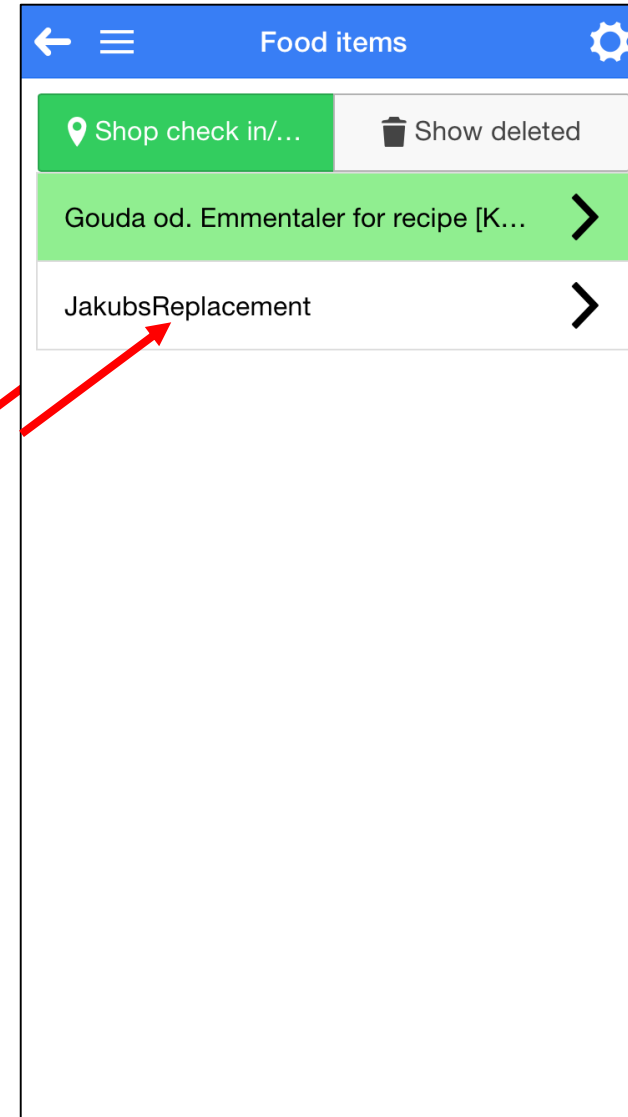
# Move to another shop

- Subsamples can be moved from one shop to another
- Click button **Cannot buy**
- From the popup menu select **Postpone to another shop**
- Select new shop



# Replace / new subsample

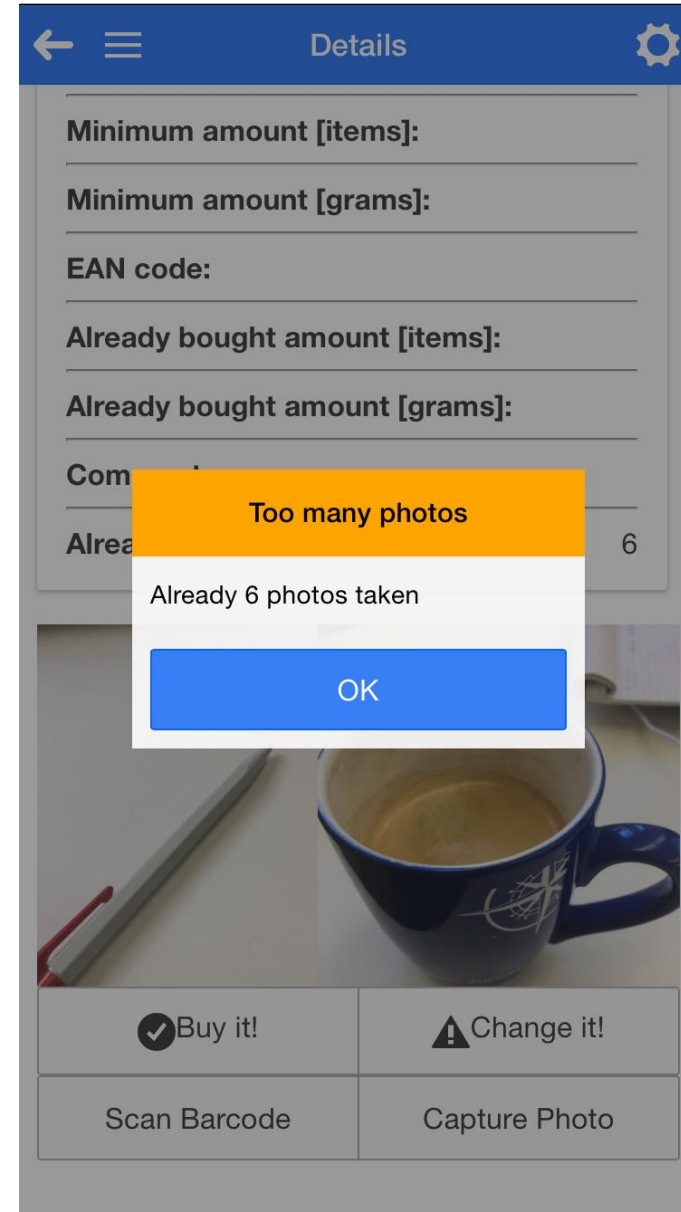
- Subsamples can be replaced with a new one
- Click button **Cannot buy**
- From the popup menu select **Replace planned item with new**
- Provide details of a new subsample





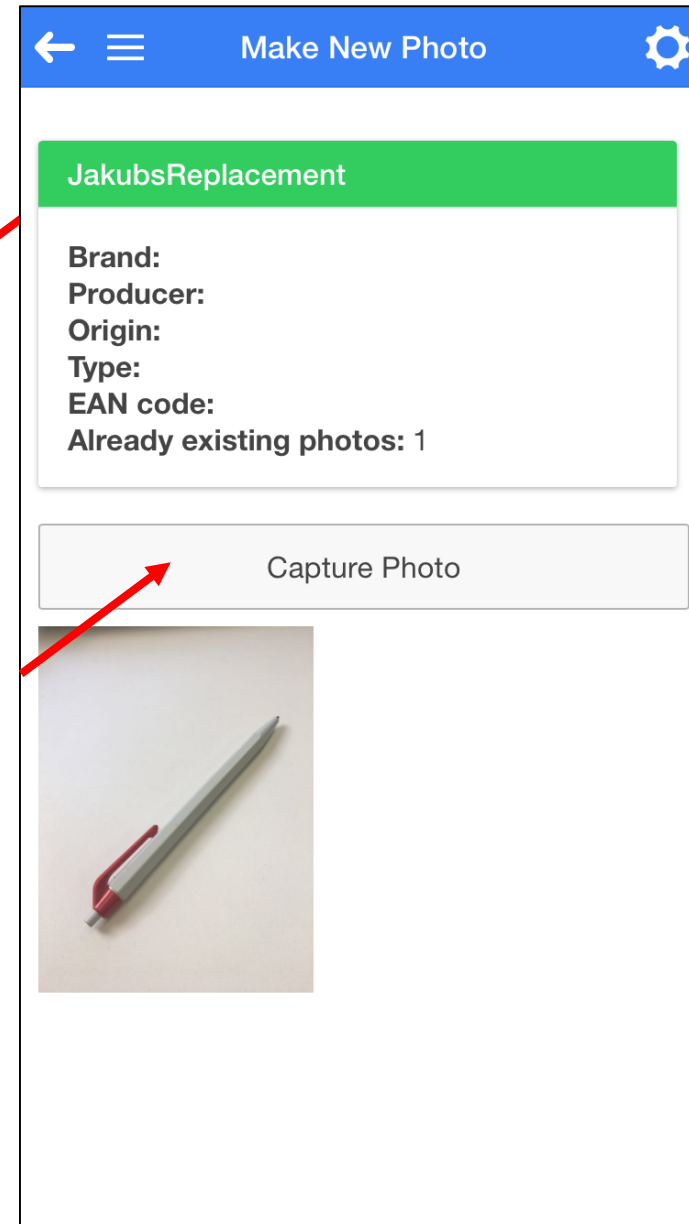
# Taking photos

1. Directly from subsample details view
2. Using Make photos in main view
3. Max 6 pictures can be taken



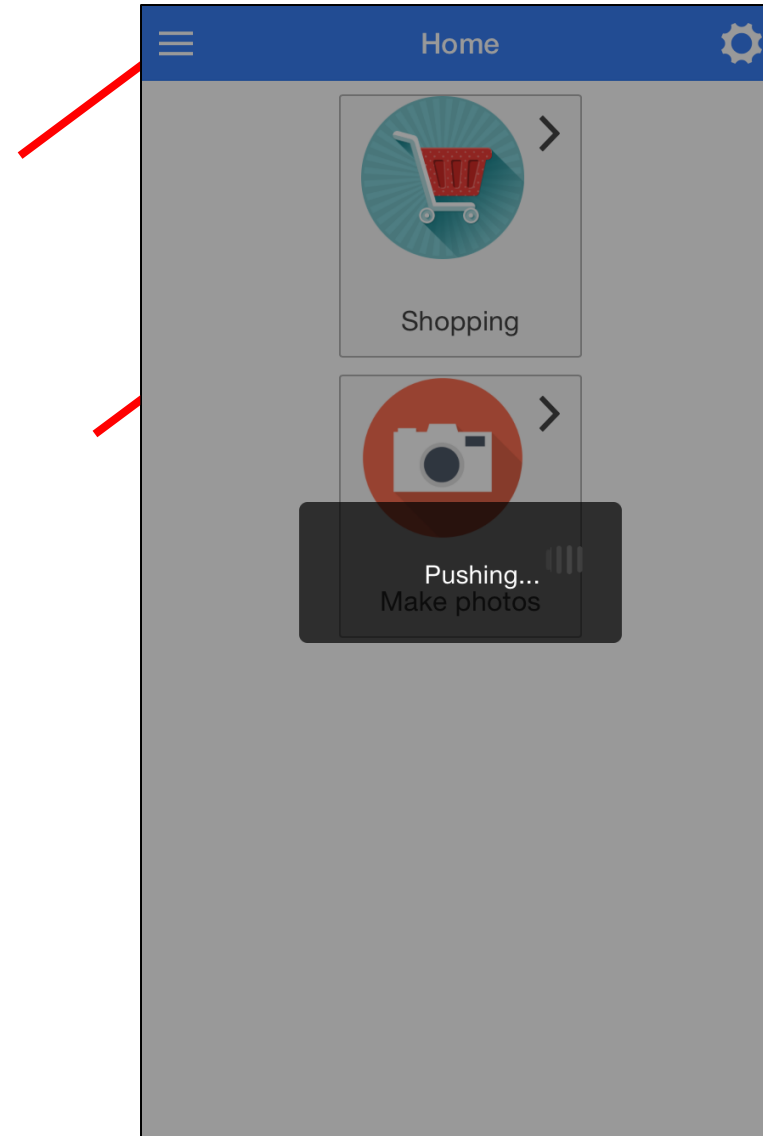
# Taking photos

Possibility to search subsamples by name



# Push data to server

- If there is WiFi connection everything will be synchronized
- If there is no WiFi connection photos will not be synchronized
- From side menu select **Push data to server**



v3.3.0 RCS

File

View

Tools

Reports

Help

TDS Foods

TDS Samples

TDS Subsamples

▼ Subsample Search

TDS Subsample Criteria

Column

<all columns>

Function

contains

Term

☐ Case sensitive

☐ Ignore time

Search

Clear

▼ Subsample Markers

Study:

BFR pilot [ id=2 ]

root

● test

Add

Remove

Refresh

Negation

Marker

Operator

Search

Clear

▼ FoodEx2 Codes

...

Add Single

Add Tree

Negation

FoodEx2 Code

Operator

Remove

Search

Clear

TDS Subsamples

Select study: BFR pilot [ id=2 ]

| Id   | Campai...    | Subsample Name                            | English Name           | Type        | Is Recipe | Is Ingredient | Is Food | Subsample... | Sampling Place         | Sampling User | Sampling Date           | Status /  |
|------|--------------|-------------------------------------------|------------------------|-------------|-----------|---------------|---------|--------------|------------------------|---------------|-------------------------|-----------|
| 3744 | Test Camp... | Gouda od. Emmentaler for recipe [K...     | Gouda od. Emme...      |             |           |               |         | Ingredient   | Edeka                  | Jakub         | Feb 9, 2017 12:00:00 AM | Bought    |
| 3681 | Test Camp... | Kartoffeln for recipe [Kartoffelbrei/...  | Kartoffeln for reci... | mehligk...  |           |               |         | Ingredient   | Rewe                   | Jakub         | Feb 7, 2017 12:00:00 AM | Cancelled |
| 3618 | Test Camp... | Hühnerlei Vollei gebraten                 | Hühnerlei Vollei ge... |             |           |               |         | Recipe       |                        | Jakub         |                         | New       |
| 3627 | Test Camp... | Hühnerlei Vollei gebraten                 | Hühnerlei Vollei ge... |             |           |               |         | Recipe       |                        | Jakub         |                         | New       |
| 3663 | Test Camp... | Kartoffelbrei/Kartoffelpüree              | Kartoffelbrei/Kart...  |             |           |               |         | Recipe       |                        | Jakub         |                         | New       |
| 3672 | Test Camp... | Kartoffelpüree (mit Milch 1,5% Fett...    | Kartoffelpüree (m...   |             |           |               |         | Recipe       |                        | Jakub         |                         | New       |
| 3708 | Test Camp... | Kartoffel, gratiniert                     | Kartoffel, gratinie... |             |           |               |         | Recipe       |                        | Jakub         |                         | New       |
| 3717 | Test Camp... | Kartoffel, gratiniert                     | Kartoffel, gratinie... |             |           |               |         | Recipe       |                        | Jakub         |                         | New       |
| 3816 | Test Camp... | Salat, Kartoffel mit Mayonnaise           | Salat, Kartoffel m...  |             |           |               |         | Recipe       |                        | Jakub         |                         | New       |
| 3933 | Test Camp... | Kartoffelpuffer (Standardrezeptur)        | Kartoffelpuffer (S...  |             |           |               |         | Recipe       |                        | Jakub         |                         | New       |
| 3591 | Test Camp... | Kartoffeln (Kartoffel geschält gekoc...   | Kartoffeln (Kartof...  | fest koc... |           |               |         | Food         | Lidl                   | Jakub         | Feb 6, 2017 12:00:00 AM | Planned   |
| 3600 | Test Camp... | Kartoffeln (Kartoffel geschält gekoc...   | Kartoffeln (Kartof...  | vorwieg...  |           |               |         | Food         | Hofladen               | Jakub         | Feb 6, 2017 12:00:00 AM | Planned   |
| 3609 | Test Camp... | Vegetarische Pasteten mit Pilzen (V...    | Vegetarische Pas...    |             |           |               |         | Food         | Bioladen               | Jakub         | Feb 7, 2017 12:00:00 AM | Planned   |
| 3636 | Test Camp... | Eier (Große M) for recipe [Hühnerlei ...  | Eier (Große M) fo...   |             |           |               |         | Ingredient   | Rewe                   | Jakub         | Feb 6, 2017 12:00:00 AM | Planned   |
| 3645 | Test Camp... | Eier (Große M) for recipe [Hühnerlei ...  | Eier (Große M) fo...   |             |           |               |         | Ingredient   | Netto                  | Jakub         | Feb 6, 2017 12:00:00 AM | Planned   |
| 3654 | Test Camp... | Eier (Große M) for recipe [Hühnerlei ...  | Eier (Große M) fo...   |             |           |               |         | Ingredient   | Markt                  | Jakub         | Feb 6, 2017 12:00:00 AM | Planned   |
| 3690 | Test Camp... | Milch 1,5% for recipe [Kartoffelbrei...   | Milch 1,5% for re...   |             |           |               |         | Ingredient   | Netto Marken-Discon... | Jakub         | Feb 7, 2017 12:00:00 AM | Planned   |
| 3699 | Test Camp... | Kartoffeln for recipe [Kartoffelpüre...   | Kartoffeln for reci... | mehligk...  |           |               |         | Ingredient   | Hofladen               | Jakub         | Feb 7, 2017 12:00:00 AM | Planned   |
| 3726 | Test Camp... | Schlagsahne for recipe [Kartoffel, g...   | Schlagsahne for r...   |             |           |               |         | Ingredient   | Hofladen               | Jakub         | Feb 7, 2017 12:00:00 AM | Planned   |
| 3753 | Test Camp... | Kartoffeln for recipe [Kartoffel, gra...  | Kartoffeln for reci... | vorwieg...  |           |               |         | Ingredient   | Real                   | Jakub         | Feb 9, 2017 12:00:00 AM | Planned   |
| 3762 | Test Camp... | Emmentaler od. Greyerzer for recip...     | Emmentaler od. G...    |             |           |               |         | Ingredient   | Aldi                   | Jakub         | Feb 9, 2017 12:00:00 AM | Planned   |
| 3771 | Test Camp... | Gemüsezwiebel for recipe [Kartoffel...    | Gemüsezwiebel f...     |             |           |               |         | Ingredient   | Netto Marken-Discon... | Jakub         | Feb 9, 2017 12:00:00 AM | Planned   |
| 3780 | Test Camp... | Schmelzkäse for recipe [Kartoffel, g...   | Schmelzkäse for r...   |             |           |               |         | Ingredient   | Aldi                   | Jakub         | Feb 9, 2017 12:00:00 AM | Planned   |
| 3789 | Test Camp... | Milch od. Sahne for recipe [Kartoffe...   | Milch od. Sahne f...   |             |           |               |         | Ingredient   | Netto Marken-Discon... | Jakub         | Feb 9, 2017 12:00:00 AM | Planned   |
| 3798 | Test Camp... | Vollmilch for recipe [Kartoffel, grati... | Vollmilch for recip... |             |           |               |         | Ingredient   | Rewe                   | Jakub         | Feb 9, 2017 12:00:00 AM | Planned   |
| 3807 | Test Camp... | Salat, Kartoffel mit Mayonnaise (Sal...   | Salat, Kartoffel m...  |             |           |               |         | Food         | Real                   | Jakub         | Feb 8, 2017 12:00:00 AM | Planned   |
| 3825 | Test Camp... | Kartoffeln for recipe [Salat, Kartoff...  | Kartoffeln for reci... | festkoc...  |           |               |         | Ingredient   | Rewe                   | Jakub         | Feb 8, 2017 12:00:00 AM | Planned   |
| 3834 | Test Camp... | Zwiebeln for recipe [Salat, Kartoffel...  | Zwiebeln for recip...  |             |           |               |         | Ingredient   | Rewe                   | Jakub         | Feb 8, 2017 12:00:00 AM | Planned   |
| 3843 | Test Camp... | Eier (Große M) for recipe [Salat, Ka...   | Eier (Große M) fo...   |             |           |               |         | Ingredient   | Aldi                   | Jakub         | Feb 8, 2017 12:00:00 AM | Planned   |
| 3852 | Test Camp... | Kartoffeln for recipe [Salat, Kartoff...  | Kartoffeln for reci... | vorwieg...  |           |               |         | Ingredient   | Netto Marken-Discon... | Jakub         | Feb 8, 2017 12:00:00 AM | Planned   |
| 3861 | Test Camp... | Kartoffeln for recipe [Salat, Kartoff...  | Kartoffeln for reci... | vorwieg...  |           |               |         | Ingredient   | Netto                  | Jakub         | Feb 8, 2017 12:00:00 AM | Planned   |
| 3870 | Test Camp... | Gewürzgurken, klein, fein geschnitt...    | Gewürzgurken, kl...    |             |           |               |         | Ingredient   | Aldi                   | Jakub         | Feb 8, 2017 12:00:00 AM | Planned   |
| 3879 | Test Camp... | Zucker (Zucker weiß)                      | Zucker (Zucker w...    |             |           |               |         | Food         | Rewe                   | Jakub         | Feb 7, 2017 12:00:00 AM | Planned   |
| 3888 | Test Camp... | Zucker (Zucker weiß)                      | Zucker (Zucker w...    |             |           |               |         | Food         | Rewe                   | Jakub         | Feb 7, 2017 12:00:00 AM | Planned   |
| 3897 | Test Camp... | Eier (Große M) (Hühnerlei Vollei gek...   | Eier (Große M) (H...   | Große M     |           |               |         | Food         | Rewe                   | Jakub         | Feb 8, 2017 12:00:00 AM | Planned   |
| 3906 | Test Camp... | Eier (Große M) (Hühnerlei Vollei gek...   | Eier (Große M) (H...   | Große M     |           |               |         | Food         | Netto                  | Jakub         | Feb 8, 2017 12:00:00 AM | Planned   |
| 3915 | Test Camp... | TK-Kartoffelpuffer (Kartoffelpuffer ...   | TK-Kartoffelpuffe...   |             |           |               |         | Food         | Rewe                   | Jakub         | Feb 6, 2017 12:00:00 AM | Planned   |
| 3924 | Test Camp... | TK-Kartoffelpuffer (Kartoffelpuffer ...   | TK-Kartoffelpuffe...   |             |           |               |         | Food         | Netto                  | Jakub         | Feb 6, 2017 12:00:00 AM | Planned   |
| 3941 | Test Camp... | JakubsReplacement                         | JakubsReplaceme...     |             |           |               |         | Ingredient   | Edeka                  | Jakub         | Feb 9, 2017 12:00:00 AM | Planned   |
| 3735 | Test Camp... | Milch for recipe [Kartoffel, gratinier... | Milch for recipe [K... |             |           |               |         | Ingredient   | Edeka                  | Jakub         | Feb 9, 2017 12:00:00 AM | Replaced  |

40 rows

Open

New Food...

New Recipe...

Batch subsample processing...

Print labels...

TDS Ingredients

| Db Id | Ingr. Id | Recipe Id | Status | Recipe n... | Recipe E... | Ingr. name | Ingr. En... | Amount | Unit | Creation | Creation... |
|-------|----------|-----------|--------|-------------|-------------|------------|-------------|--------|------|----------|-------------|
|-------|----------|-----------|--------|-------------|-------------|------------|-------------|--------|------|----------|-------------|

0 rows

Open

Add Ingredient to Recipe...

| Id   | Name                | Type       |
|------|---------------------|------------|
| 3599 | Kartoffeln (Kar...  | Food       |
| 3600 | Kartoffeln (Kar...  | Food       |
| 3601 | Kartoffeln (Kar...  | Food       |
| 3583 | Kartoffeln (Kar...  | Food       |
| 3584 | Kartoffeln (Kar...  | Food       |
| 3585 | Kartoffeln (Kar...  | Food       |
| 3586 | Kartoffeln (Kar...  | Food       |
| 3587 | Kartoffeln (Kar...  | Food       |
| 3588 | Kartoffeln (Kar...  | Food       |
| 3589 | Kartoffeln (Kar...  | Food       |
| 3590 | Kartoffeln (Kar...  | Food       |
| 3591 | Kartoffeln (Kar...  | Food       |
| 3592 | Kartoffeln (Kar...  | Food       |
| 3593 | Kartoffeln (Kar...  | Food       |
| 3594 | Kartoffeln (Kar...  | Food       |
| 3595 | Kartoffeln (Kar...  | Food       |
| 3596 | Kartoffeln (Kar...  | Food       |
| 3597 | Kartoffeln (Kar...  | Food       |
| 3598 | Kartoffeln (Kar...  | Food       |
| 3602 | Kartoffeln (Kar...  | Food       |
| 3603 | Vegetarische P...   | Food       |
| 3604 | Vegetarische P...   | Food       |
| 3605 | Vegetarische P...   | Food       |
| 3606 | Vegetarische P...   | Food       |
| 3607 | Vegetarische P...   | Food       |
| 3608 | Vegetarische P...   | Food       |
| 3609 | Vegetarische P...   | Food       |
| 3610 | Vegetarische P...   | Food       |
| 3611 | Vegetarische P...   | Food       |
| 3612 | Vegetarische P...   | Food       |
| 3613 | Vegetarisches ...   | Food       |
| 3614 | Spiegelei mit S...  | Recipe     |
| 3615 | Hühnerlei Vollei... | Recipe     |
| 3616 | Hühnerlei Vollei... | Recipe     |
| 3617 | Hühnerlei Vollei... | Recipe     |
| 3618 | Hühnerlei Vollei... | Recipe     |
| 3619 | Hühnerlei Vollei... | Recipe     |
| 3620 | Hühnerlei Vollei... | Recipe     |
| 3621 | Hühnerlei Vollei... | Recipe     |
| 3622 | Hühnerlei Vollei... | Recipe     |
| 3623 | Hühnerlei Vollei... | Recipe     |
| 3624 | Hühnerlei Vollei... | Recipe     |
| 3625 | Hühnerlei Vollei... | Recipe     |
| 3626 | Hühnerlei Vollei... | Recipe     |
| 3627 | Hühnerlei Vollei... | Recipe     |
| 3628 | Hühnerlei Vollei... | Recipe     |
| 3629 | Hühnerlei Vollei... | Recipe     |
| 3630 | Hühnerlei Vollei... | Recipe     |
| 3631 | Hühnerlei Vollei... | Recipe     |
| 3632 | Hühnerlei Vollei... | Recipe     |
| 3633 | Hühnerlei Vollei... | Recipe     |
| 3634 | Eier (Große M) ...  | Ingredient |
| 3635 | Schinkenspeck ...   | Ingredient |
| 3636 | Eier (Große M) ...  | Ingredient |

Open Subsamples

Clear