

CEDEP Food log app for kids and families

For supporting every child's healthy food habit.

Healthy life begins at the very beginning of your life!

- ◆ Food as the foundation of your cultural and social life
- ◆ Importance of supporting and improving children's food experience

However...

- Increase of isolated families, busy working parents etc.
- Poorer food experience, health disparities relating to food



Development of apps to support children and families on “food experience” using photo cameras on smartphones and/or tablet-type devices

Importance of food at the beginning of life

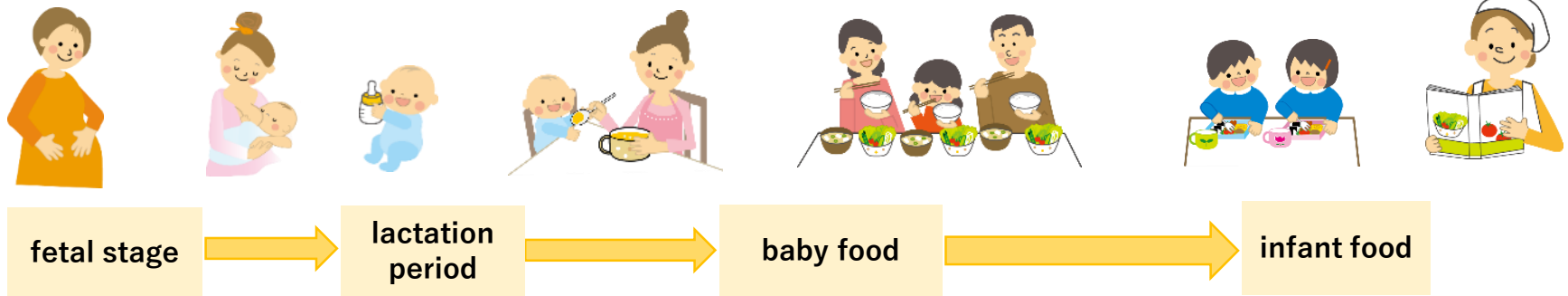
- **Nutrient intake, development of eating behaviour, and inheritance of food/dietary culture from the very early stage of life** have great influence on the life later on (e.g. DOHaD hypothesis)



Our mission is to support children and families through improving “food” experience for every child.

For children and families
at home

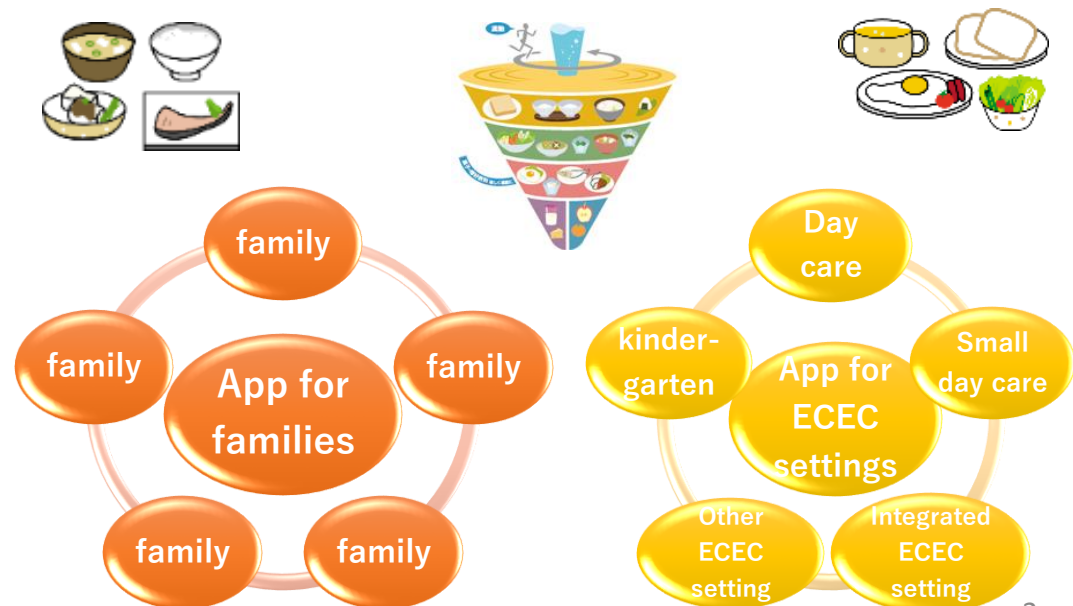
For nutritionists
at ECEC settings



Development of “information network” through apps

- ✓ image analysis
- ✓ database
- ✓ food log
- ✓ recipe search

- ✿ Reflection on meal
- ✿ Tips for better food experience



Children's life log on food, sleep, excrement, and condition



弥生ちゃんの日
 2018年3月25日 (火)


 食事


 睡眠


 体調


 排便


 身長体重

食事


 朝食


 昼食


 夕食


 間食





弥生ちゃんの体調

睡眠 ★★☆☆ 21:00 > 10:00 まあまあ眠れた
 午睡 5時間0分
 体調 ☆☆☆ かぜ (服薬)
 機嫌 ★★☆☆ ふつう
 排便 2回 かたい 多め 
 身長 81.2 cm
 体重 9.8 kg

ご自身の体調

睡眠 ★★☆☆ 21:00 > 10:00
 日中の眠気 ★★☆☆

app image

		Fetal stage (mother)	Baby and infants	Parent
Food 	Calorie, nutrition, amount of food intake, use of cutlery, situation of mealtime etc.	✓	✓	
Sleep 	Sleep time, wake up time, quality of sleep	✓	✓	✓
Excrement 	Amount, consistency, and colour	✓	✓	
Condition 	Illness, feeling, height, weight etc.	✓	✓	✓

Automatic detection of meal by image analysis

< キャンセル 🔍 +



トップのサーチバーで料理名から検索できます。

今まで食べた食事は、画像から自動で検索します。

画像からの検索結果



栗ご飯

1 人前 **376** kcal



雑穀ご飯

1 人前 **247** kcal



煎茶 (グラス)

1 杯 **4** kcal

登録済みの食事データが少なく、これ以上の候補が見つかりませんでした。

上の検索欄から料理名を検索し、食事を登録して下さい。

Visualization of calories and nutrition intake

< 戻る 3月25日の記録 追加

栄養摂取目安量

カロリー	623kcal
炭水化物	135.0g
たんぱく質	11.0g
脂質	3.0g
食物繊維	4.0g
コレステロール	0mg
塩分	1.0g

1/3食

朝食

たんぱく質
脂質
炭水化物

PFC Balance



23日 21:43
舌で潰せる - 母

小計 **247** kcal

雑穀ご飯 1 人前 **247** kcal

23日 10:57

+ カレンダー プロフィール

History of food intake displayed on a calendar

弥生ちゃんの記録

2018年3月

日	月	火	水	木	金	土
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

2018年3月22日



朝食



昼食



夕食



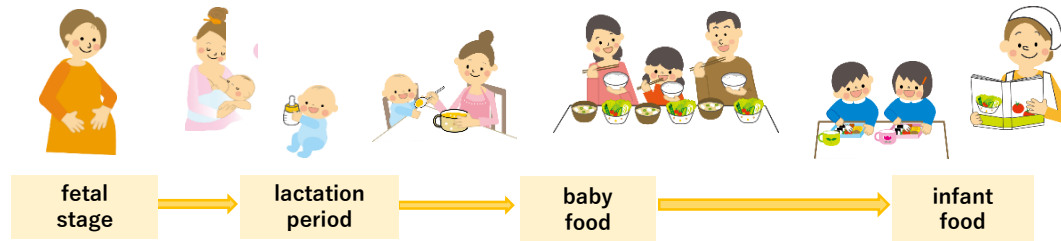
間食

+ カレンダー プロフィール

Future vision: For a “healthy and longevity” society

For children and families
at home

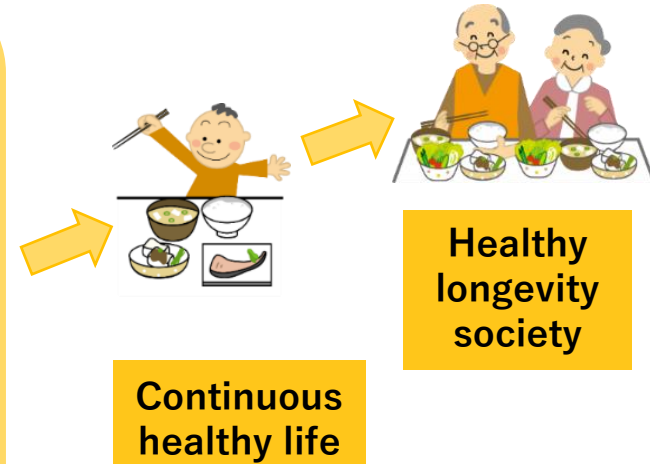
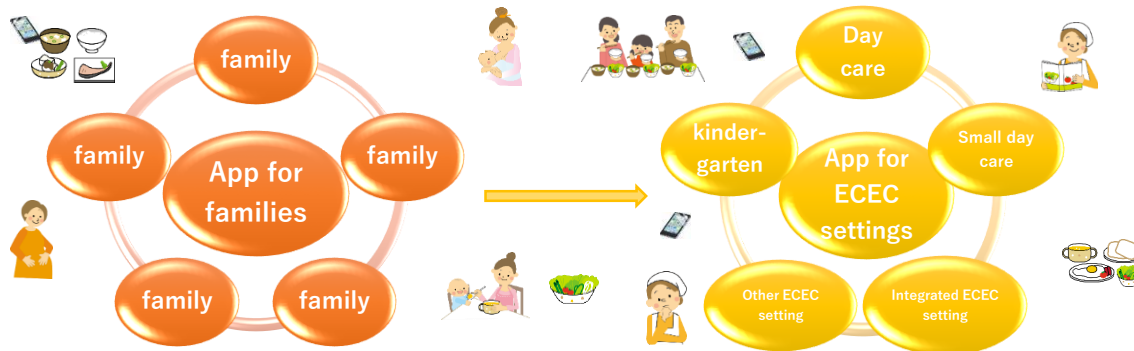
For nutritionists
at ECEC settings



Construction of
“information network”
through apps



- ✓ [image analysis](#)
- ✓ [database](#)
- ✓ [food log](#)
- ✓ [recipe search](#)



In the future, we
desire to offer a
variety of wisdom
related to food abroad!

e.g. support for constructing
information network in
foreign countries

... for every child's
WELL-BEING!

**AIZAWA
YAMASAKI LAB**



This project is proceeded under the collaboration
among CEDEP, Prof. Kiyoharu Aizawa from the
Department of Information and Communication
Engineering, The University of Tokyo, and FOO.LOG Inc.