

### [In device memory]

Timers:

#### Eggs 1

Time Remaining:

0 days

#### Vegetable 1

Time Remaining:

4 days

#### New Vegetable 2

Time Remaining:

7 days

#### New Dairy 1

Time Remaining:

14 days

### [Device Logic]

If fridge opened

check timers

if timer expired

alert user

check if food removed/added

if removed

foodremoved = true;

if added

if new

create timer;

if existing

foodremoved = false;

if foodremoved == true for 2 days

delete timer

#### Vegetable 1

Time Remaining:

4 days

#### Leftovers 1 Removed for 2 days

Deleting Timer

#### New Vegetable 2

Time Remaining:

7 days

#### New Dairy 1

Time Remaining:

14 days

#### Eggs 1

Time Remaining:

0 days

