Cognitive Walkthrough (ver.1)

**Task 1: You recall that you ate 1 serve of fruit today. Log that.**

Assumption: The user’s profile has been set up.

User has task

0. will user understand this sub-task is needed (given their mental model)‏

a. Select ‘Fruit’ section

b. Enter the number and select meal type (bf/lunch/dinner/extras)

c. Click ‘Done’ when finish

Explores system for useful elements

1. will correct action be obvious?

a. Click on the pie chart to select ‘Fruit’

= Yes, pie chart is clearly displayed

b. Type or use +/- to select a number, use up/down arrow to select meal type

= Yes, dialog clearly displayed with symbols

c. Click done/cancel

= Yes, buttons self-explained

2. will user understand instructions?

a. No, title labelled “Log by Food Group” does not give a clear instruction.

Yes, “Help” is another piece of information.

No, “Help” does not appear distinctly.

b. Yes, “?” helps users to estimate serving size

No, the appearance of “?” does not stand out.

c. Yes, buttons self-explained

Selects one to try

User interprets system response

3. will user know if progress has been made?

a. Yes, a dialog pops up

b. Yes, number and meal type changed accordingly

c. Yes, dialog disappears

No, the bar graph changes, but not obvious

**Task 2: You recall that you ate 3 serves of vegetables to day. Log that.**

Assumption: The user’s profile has been set up.

User has task

0. will user understand this sub-task is needed (given their mental model)‏

a. Select ‘vegetable’ section

b. Enter the number and select meal type (bf/lunch/dinner/extras)

c. Click ‘Done’ when finish

Explores system for useful elements

1. will correct action be obvious?

a. Click on the pie chart to select ‘vegetable’

= Yes, pie chart is clearly displayed

b. Type or use +/- to select a number, use up/down arrow to select meal type

= Yes, dialog clearly displayed with symbols

c. Click done/cancel

= Yes, buttons self-explained

2. will user understand instructions?

a. No, title labelled “Log by Food Group” does not give a clear instruction.

Yes, “Help” is another piece of information.

No, “Help” does not appear distinctly.

b. Yes, “?” helps users to estimate serving size

No, the appearance of “?” does not stand out.

c. Yes, buttons self-explained

Selects one to try

User interprets system response

3. will user know if progress has been made?

a. Yes, a dialog pops up

b. Yes, number and meal type changed accordingly

c. Yes, dialog disappears

No, the bar graph changes, but not obvious

**Task 3: You realise that was a mistake and you actually ate only 2 serves of vegetables. Update the logger for that.**

Assumption: The user’s profile has been set up.

User has task

0. will user understand this sub-task is needed (given their mental model)‏

a. Make sure the “Daily Summary” is on the desired date

b. Go to “Daily Summary”

c. Click “Edit” for the item that needs to be updated

d. Change the number

e. Click “Done"

Explores system for useful elements

1. will correct action be obvious?

No, “Daily Summary” does not give a clear reference to ‘Edit’ option.

2. will user understand instructions?

b. “Daily Summary” does not give a clear instruction.

c. “Edit” button is dedicated for each item

d. A pop-up dialog has the same appearance/symbols

Selects one to try

User interprets system response

3. will user know if progress has been made?

b. Yes, a daily detailed report is displayed

c. Yes, once ‘Edit’ is clicked, a dialog is shown

d. Yes, number and meal type changed accordingly

e. Yes, once ‘Done’ is clicked, the dialog disappears

No, the bar graph changes, but not obvious

No, the bar graph does not show user’s status