

APPENDIX I.



Activity Cards

Bodily Health

Healthy Lifestyle

e.g. healthy diet, exercise, sleep

Bodily Health

Cope with Illness

e.g. medication reminder, health advice

Bodily Health

Mental Health

e.g. cheer you up, cause finding, introspection, expression

Bodily Health

Self-awareness

e.g. notice abnormality

Meta-functions

Monitor

(e.g. heartbeats, blood pressure, glucose, steps)

Measure

(e.g. weight, length, distance, time span)

Detect

(e.g. movements, gestures, environment sounds)

Notify/Alert

(e.g. emergency, warning)

Show Data

(e.g. dashboard)

Share Data

(e.g. send to medical professionals)

Identify Patterns

(e.g. reveal habits/routines)

Communicate

(e.g. message, voicemail, video call)

Switch
(e.g. turn on/off,
play/stop)

Tune
(e.g. volume,
brightness, TV/radio
program)

Voice
(e.g. voice-to-text)

Translate
(e.g. foreign language,
terminology)

Mark Down
(e.g. mood report,
state record)

Actions
(e.g. glow, vibrate,
ring, alarm)

Associate
(e.g. similar
recommendations,
additional info)

Generate
(e.g. melodic pieces,
colors, visuals)

Navigate
(e.g. give direction,
location)

Suggest
(e.g. life hacks/tips,
reminder)

Speed
sustained/sudden
stretching to yawn/
snapping the finger

Flow
free/bound
shaking off water/
pour water into a cup

Notify Others
(e.g. share your state,
report danger)

(A)Synchronize
between multiple
objects (e.g. glow
together/move in
opposite directions)

Weight
light/strong
tapping a digital screen/
making a fist

Space
indirect/direct
scanning a room
for misplaced keys/
pointing to a spot

Affiliation

Social Activities

e.g. volunteer, organize activities or events

Affiliation

Friendship Making & Maintaining

e.g. make invites, in-person activities, follow and respond to updates

Senses, Imagination, Thoughts

Keeping Up with News or Trends

e.g. read news, twitter notification, breaknews alert

Senses, Imagination, Thoughts

Writing

e.g. ideating, drafting, typing

Can you wear/put it on different parts of the body?

Can you interact with it in different gestures/bodily movements?

Practical Reason

Making Plans

Practical Reason

Self-reflection

Emotion

Family Contact

**e.g. update recent
situations, reassure**

Emotion

Visit Relatives

**e.g. watch over kids,
play with kids, party**

Play

Visiting Museums

Play

Knitting

What functions do you want to add to support the activity?

Detect

**(e.g. movements,
gestures, environment
sounds)**

Measure

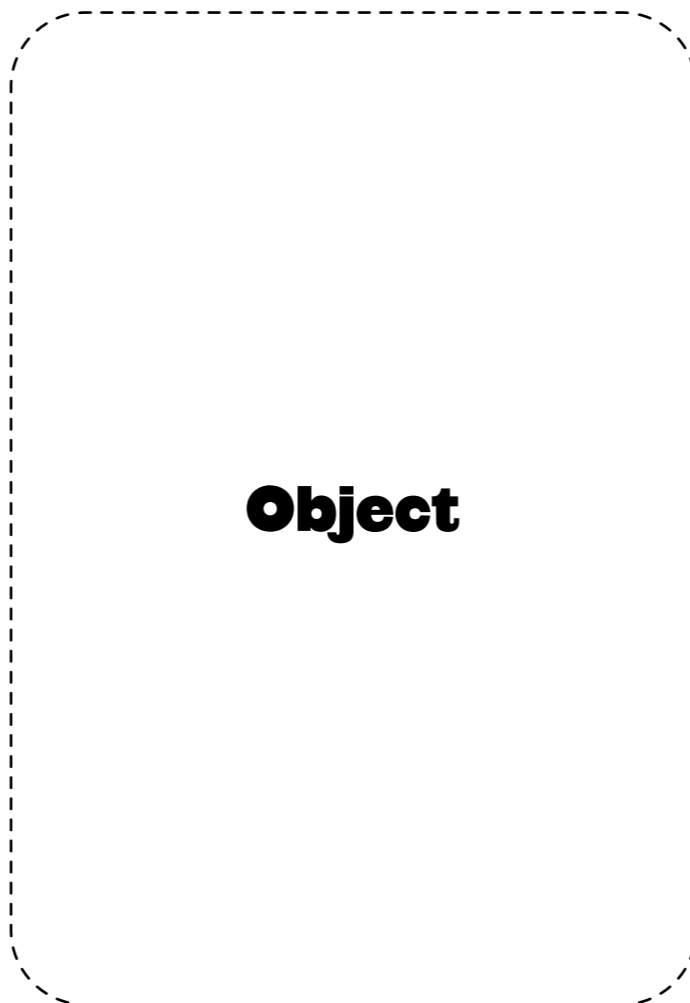
**(e.g. weight, length,
distance, time span)**

Tune

**(e.g. volume,
brightness, TV/radio
program)**



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