

FIG. 1

1

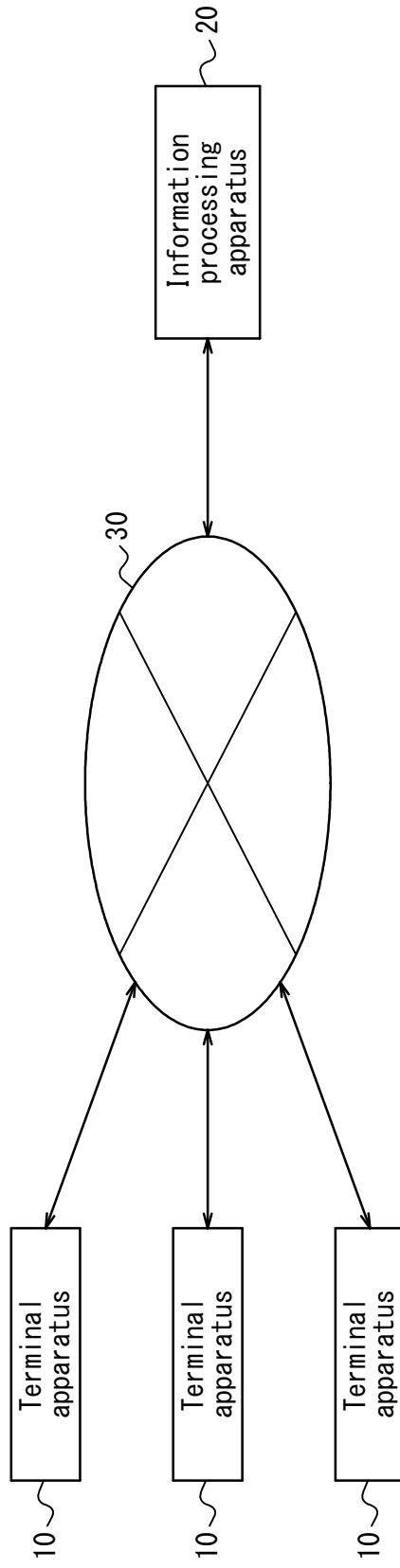


FIG. 2

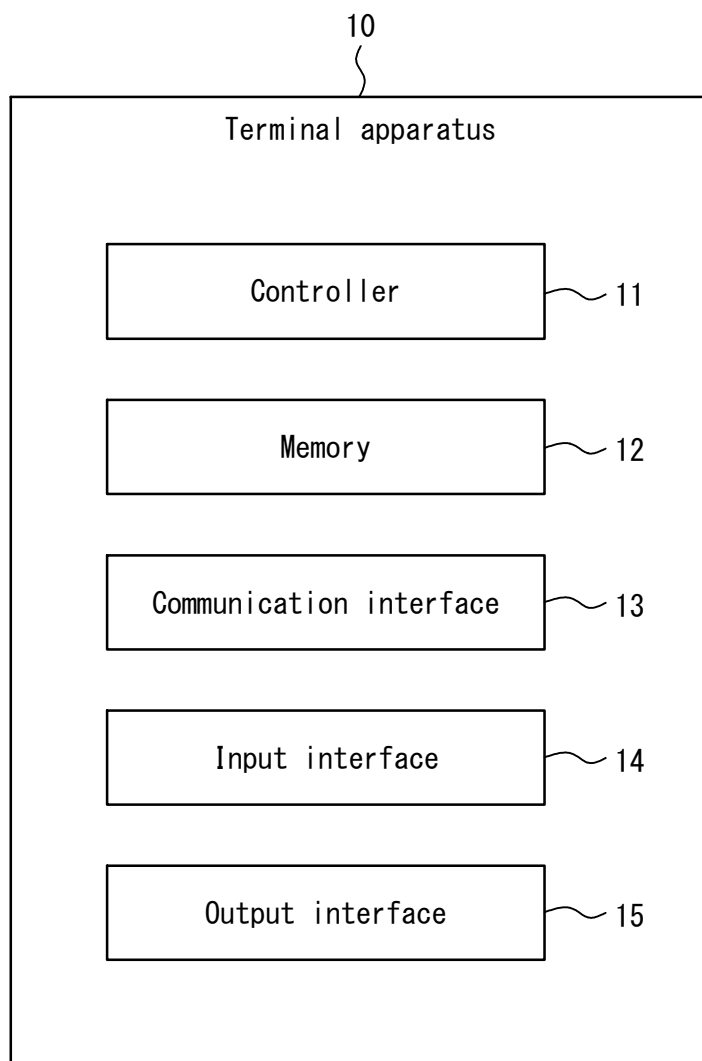


FIG. 3

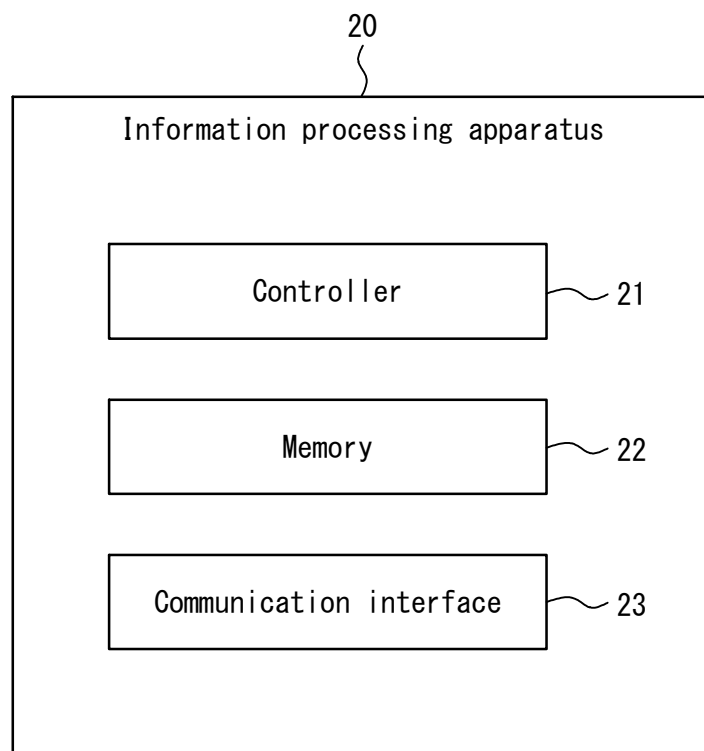


FIG. 4

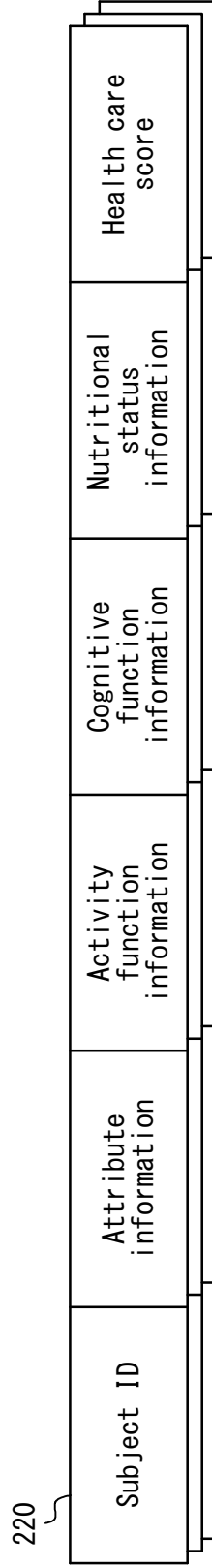


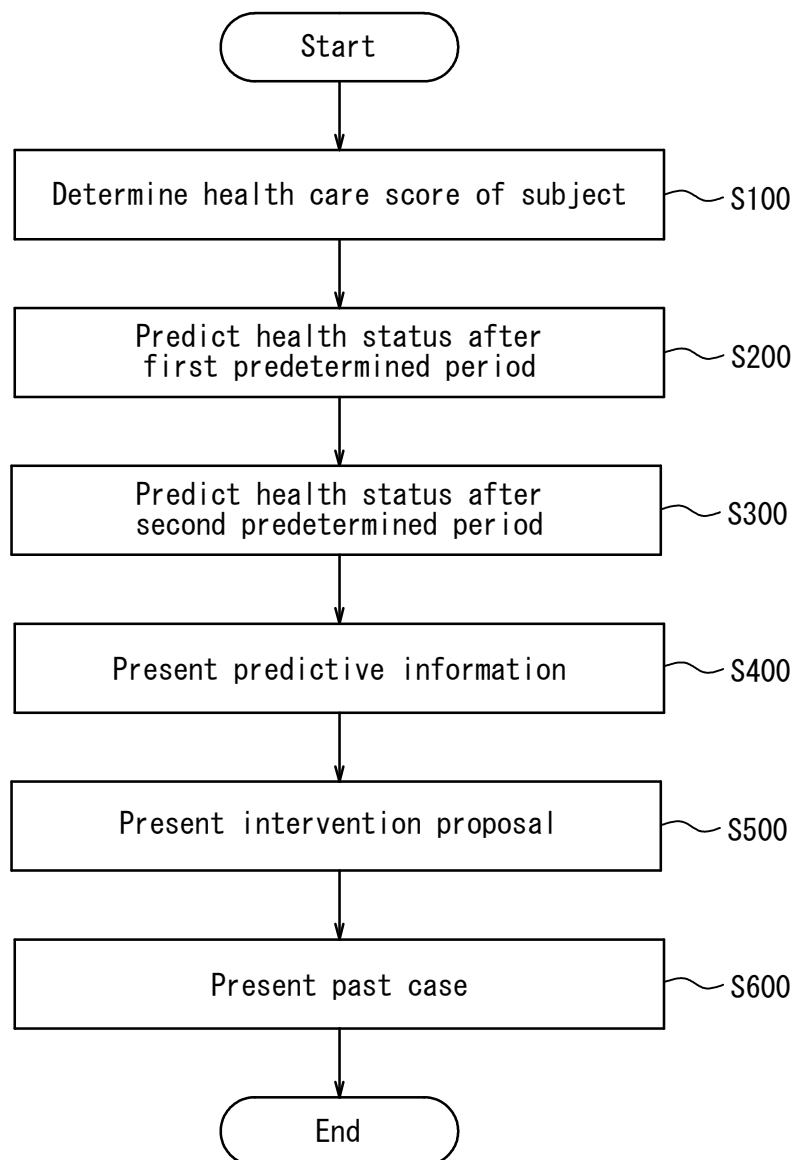
FIG. 5

FIG. 6

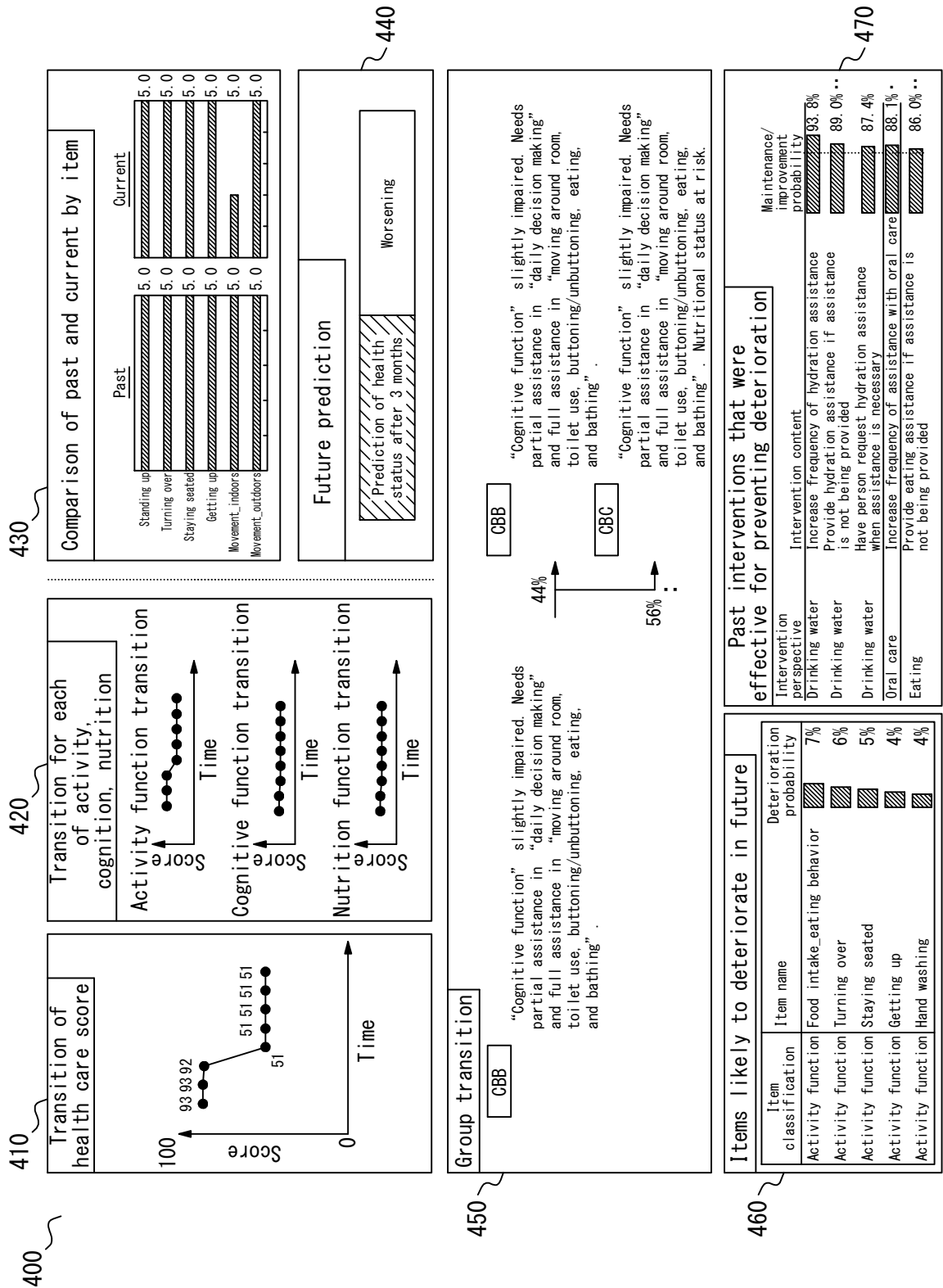


FIG. 7

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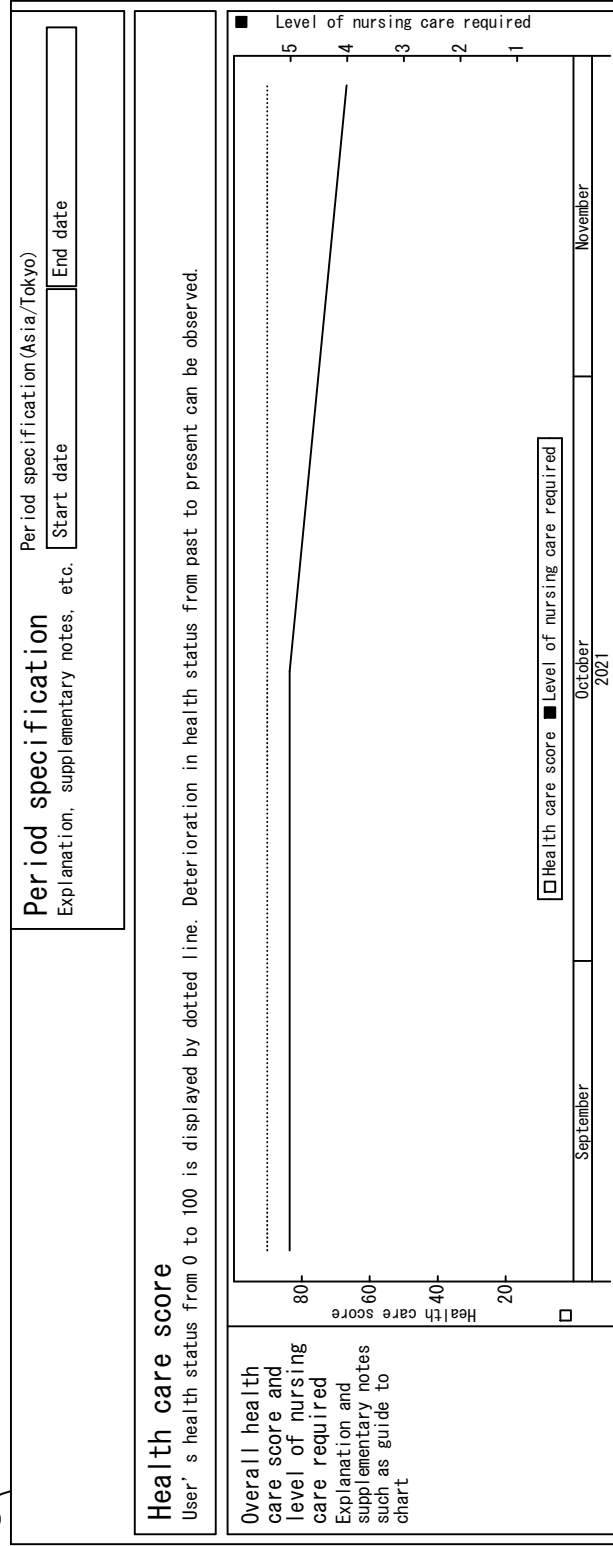


FIG. 8

Comparison of past and current by item Health status by item (ADL, etc.) can be compared between past and present			
Activity: movement			
Explanation			
Turning over	5	5	5
Staying seated	5	5	5
Transfer	5	5	5
Movement indoors	3.67	3.67	3.67
Movement outdoors	0	0	0
Standing up	5	5	5
Getting up	5	5	5
	Aug 2021	Sep 2021	Oct 2021

FIG. 9

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Health care score

Future prediction & group transition & items likely to deteriorate in future

Data measurements

test

✕

Ω Resident information					↗		
User ID	Resident name	Katakana	Sex	Date of birth	Age	Level of nursing care	Room Number
4/00014110	Sonpo Hanako	SONPO HANAKO	Female	1/1/1933	88	Required nursing care 2	308

↖ Future prediction

Predicted to be a user with a high probability of deteriorating health status "after 3 months"

Prediction of health status after 3 months

Possibility of deterioration

FIG. 10

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Group transition			⌵ ↗
Prediction of probable health status one year later for a user with a similar health status			
Current group Activity A, Cognition B, Nutrition A		Explanation of group, "Cognitive function" is slightly impaired, but exhibits independence in "moving around room, toilet use, eating, and slight hand movements". Requires supervision for "bathing and daily decision making".	
Group after 12 months	Transition probability (% display)	⬇️	Explanation of group
Activity A, Cognition B, Nutrition B	49.32		"Cognitive function" is slightly impaired. Exhibits independence in "moving around room, toilet use, eating". Requires supervision for "daily decision making" and bathing.
Activity A, Cognition B, Nutrition B	22.4		"Cognitive function" is unimpaired. Exhibits independence in "moving around room, toilet use, eating". Requires supervision for "daily decision making" and partial assistance with "buttoning/unbuttoning and bathing".
Move out	10.01		Person who is "deceased", "move out to medical institution/facility" or "move out for other reason".
Activity B, Cognition B, Nutrition B	7.12		"Cognitive function" is slightly impaired, but exhibits independence in "eating". Requires supervision for "daily decision making" and partial assistance with "moving around room, toilet use, bathing, buttoning/unbuttoning".
Activity B, Cognition B, Nutrition A	5.44		"Cognitive function" is slightly impaired, but exhibits independence in "eating". Requires supervision for "moving around room, toilet use, buttoning/unbuttoning, daily decision making" and partial assistance with "bathing".

FIG. 11

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Items likely to deteriorate in the future Specific items likely to deteriorate after three months for a user with a similar health status, displayed in order starting with highest deterioration probability for each of activity, cognition, and nutrition			
Activity function			
Category	Classification	Item name	
Activity function	Bathing/changing	Bathing_(un)dressing	
Activity function	Bathing/changing	Movement in bathroom	
Activity function	Bathing/changing	Hair washing	
Activity function	Bathing/changing	Bathing and washing assistance status	
Activity function	Bathing/changing	Choosing clothing	
Activity function	Bathing/changing	Entering/exiting bathtub	
Activity function	Daily activities	Frequency of going out	
Activity function	Bathing/changing	Sorting clothes	
Activity function	Grooming	Oral hygiene	
Activity function	Toilet use	Urination	
Activity function			
Category	Classification	Item name	
Cognitive function	Communication/motivation etc.	Daily decision making	
Cognitive function	Communication/motivation etc.	Memory comprehension: daily routine	
Cognitive function	Communication/motivation etc.	Memory comprehension: season	
Cognitive function	Communication/motivation etc.	Memory comprehension: direct short-term memory	
Cognitive function	Communication/motivation etc.	Memory comprehension: location	
Nutritional status			
Category	Classification	Item name	
Nutritional status	Intermediate flag	Weight loss risk	
Nutritional status	Intermediate flag	Dietary intake risk	
Nutritional status	Meal content	Main dish	
Nutritional status	Meal content	Side dish	
Nutritional status	Meal content	Appetite/satisfaction with meals	

