FIG. 4

USER TABLE

(a)

USER ID	LOGIN ID	PASSWORD	REGISTRATION DATE	STATUS
100	sumida@test.com	tKswU8yq	2012/12/10	ENABLED
200	ogura@test.com	fvXEd5Re	2012/11/20	ENABLED
300	yamada@test.com	acD1V5tp	2012/12/25	ENABLED

PATIENT TABLE

(b)

PATIENT ID	USER ID	PATIENT NAME	GENDER	BIRTH DATE	MAIL ADDRESS	ADDRESS	TELEPHONE NUMBER
1	100	HISAE SUMIDA	FEMALE	1945/7/18	sumida@test.com	1-2-3 CHUO-CHO, MEGURO-KU	03-1234-5678

MEDICAL WORKER TABLE

(c)

MEDICAL ID	USER ID	MEDICAL-RELATED FACILITY ID	MEDIC NAME	GENDER	BIRTH DATE	PROFESSION
1	200	1000	TARO OGURA	MALE	1963/8/5	DOCTOR

(d) MEDICAL-RELATED FACILITY TABLE

MEDICAL-RELATED FACILITY ID	FACILITY NAME	FACILITY TYPE	MEDICAL DEPARTMENT	ADDRESS	TELEPHONE NUMBER
1000	YAMADA CLINIC	MEDICAL CLINIC	INTERNAL MEDICINE, SURGERY, PSYCHOSOMATIC MEDICINE, PSYCHIATRY	1-2-3 OTEMACHI, YAMADA-KU	03-2345-6789

HP	CONSULTATION TIME	NEAREST STATION
http://www.yamada-hp.xxx	WEEKDAYS: 10:00 TO 18:00 CLOSED: SUNDAYS AND PUBLIC HOLIDAYS	MONZEN NAKAMACHI

FIG. 5

MEDICAL-RELATED FACILITY PATIENT TABLE

(a)

MEDICAL-RELATED FACILITY PATIENT ID	MEDICAL-RELATED FACILITY ID	PATIENT ID	REGULAR REGISTRATION APPROVAL	PATIENT NUMBER	PATIENT NAME	GENDER	BIRTH DATE
101	1000	1	RECEIVED	123	HISAE SUMIDA	FEMALE	1945/7/18

INSURANCE	LAST VISIT DATE	ADDRESS	TELEPHONE NUMBER	MAIL ADDRESS	PASSCODE
NATIONAL INSURANCE	2012/12/25	1-2-3 CHUO-CHO, MEGURO-KU	03-1234-5678	sumida@test.com	srXjR7L2dBmnwO2psAyte

DISEASE TABLE

(b)

DISEASE ID	MEDICAL-RELATED FACILITY PATIENT ID	DISEASE NAME
1	101	ALZHEIMER' S DISEASE
2	101	LUNG CANCER

GROUP TABLE

(c)

GROUP ID	GROUP NAME	DISEASE ID
10001	ALZHEIMER' S DISEASE TREATMENT	1
10002	LUNG CANCER TREATMENT	2

GROUP PARTICIPATION TABLE

(d)

GROUP PARTICIPATION ID	USER ID	GROUP ID	ACCESSIBLE TIMELINE
1	100	10001	C2
2	200	10001	C1, C2

FIG. 6

(a) INVITATION REQUEST TABLE

INVITATION REQUEST ID	INVITER USER ID	INVITEE USER ID	WHETHER INVITATION REQUEST IS ALLOWED	INVITATION REQUEST APPROVAL	INVITEE MAIL ADDRESS	INVITEE PASSPHRASE	GROUP ID	ACCESSIBLE TIMELINE
1	200	201	ALLOWANCE	APPROVAL	yamanaka@test.com	NICKNAME IS RACCOON DOG	10001	C1, C2

(b) TIMELINE TABLE

TIMELINE ID	GROUP ID	TYPE NAME
1	10001	MEDICAL SIDE
2	10001	PATIENT SIDE

(c) MEDICAL INFORMATION SHARING RULE TABLE

USER ID	MEDICAL-RELATED FACILITY ID	SHARING RULE NAME
100	1000	IN-HOSPITAL SHARING ALLOWANCE
100	1001	COMPREHENSIVE SHARING ALLOWANCE

(d) NFC TERMINAL TABLE

MEDICAL-RELATED FACILITY ID	NFC TERMINAL NUMBER	MEDICAL-RELATED FACILITY PATIENT ID	PASSCODE
1000	3079372621	101	srXjR7L2dBmnwO2psAyte
1001	2850365002	102	TixIR5Bv3EIshei8Wegkese

FIG. 7

(a) MESSAGE TRANSMISSION RESERVATION TABLE

TRANSMISSION RESERVATION ID	DESTINATION USER ID	SENDER USER ID	MESSAGE	TRANSMISSION SCHEDULES DATE AND TIME
1	200	100	IT HAS BEEN THREE DAYS SINCE PRESCRIPTION OF MEDICINE - ARE YOU TAKING IT PROPERLY?	2012/12/29

(b) PATIENT ATTRIBUTE TABLE

PATIENT ATTRIBUTE ID	PATIENT ID	ATTRIBUTE NAME	ATTRIBUTE VALUE
1	101	2013 HEALTH CHECKUP INFORMATION	NOT YET

FIG. 16

(a) USER TABLE

USER ID	LOGIN ID	PASSWORD	REGISTRATION DATE	STATUS
100	sumida@test.com	tKswU8yq	2012/12/10	ENABLED
200	ogura@test.com	fvXEd5Re	2012/11/20	ENABLED
300	yamada@test.com	acD1V5tp	2012/12/25	ENABLED
500	tanaka@abc.com	usCP81vm	2017/9/30	ENABLED

(b) DEVELOPER TABLE

DEVELOPER ID	USER ID	DEVELOPER NAME	GENDER	BIRTH DATE	MAIL ADDRESS	AFFILIATE ORGANIZATION ID	PROFESSION
1	500	ICHIRO TANAKA	MALE	1985/12/10	tanaka@abc.com	1000	PROGRAMMER

(c) DEVELOPER AFFILIATE ORGANIZATION TABLE

AFFILIATE ORGANIZATION ID	ORGANIZATION NAME	TYPE OF WORK	REPRESENTATIVE NAME	ADDRESS	TELEPHONE NUMBER	HP
1000	XYZ DEVELOPMENT CO., LTD.	SYSTEM DEVELOPMENT	ICHIRO TANAKA	MINATO-KU SHIBA	03-2345-6789	http://www.tanakasystem.jp

(d) APPLICATION TABLE

APPLICATION ID	DEVELOPER ID	GROUP ID	REGISTRATION DATE	STATUS
1	1	10003	2017/10/10	ENABLED
1	1	10004	2017/10/30	ENABLED
2	2	10003	2017/11/5	ENABLED
2	2	10005	2017/11/10	ENABLED