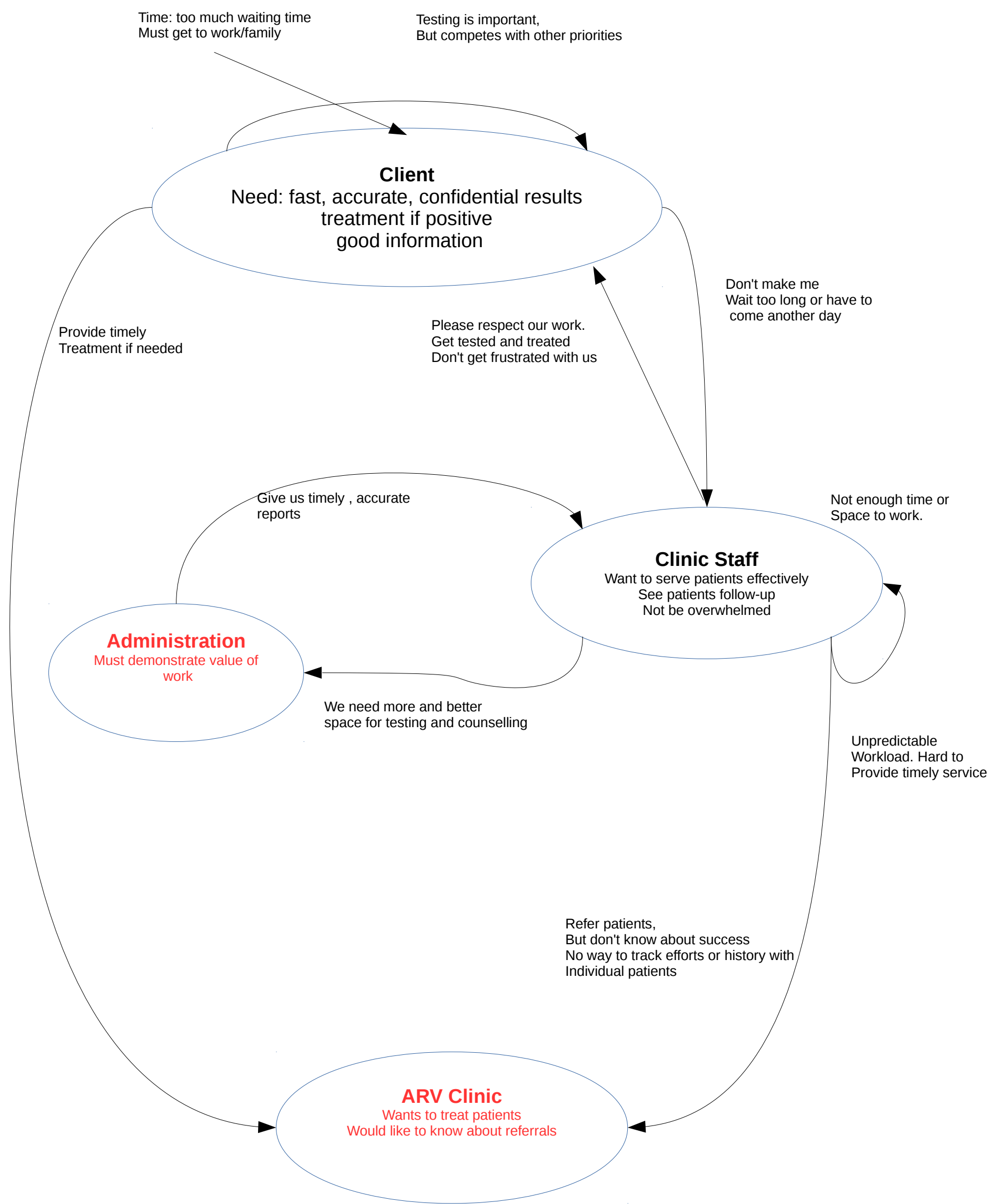
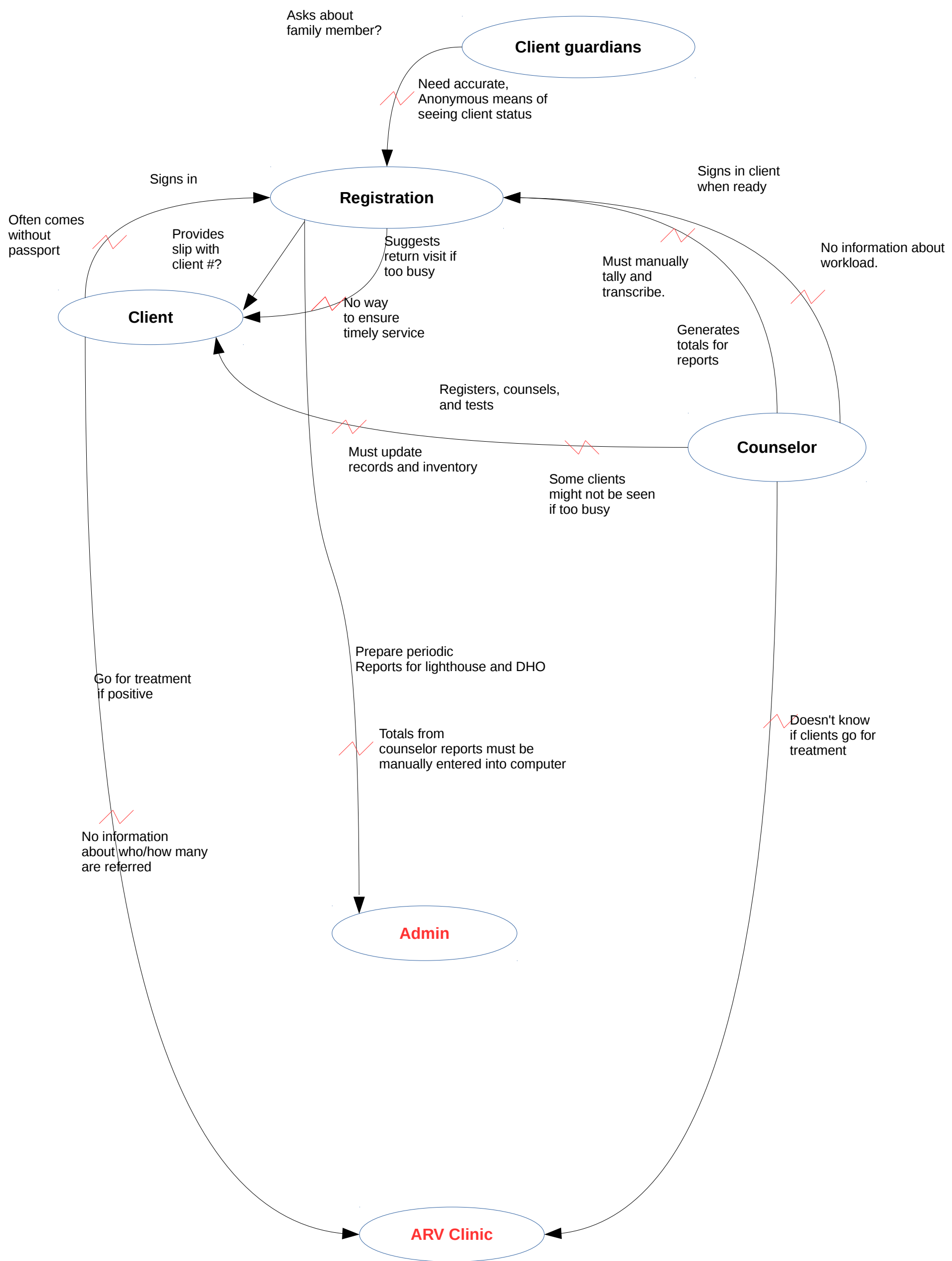


HTC Design: Observations Summary Cultural Diagram

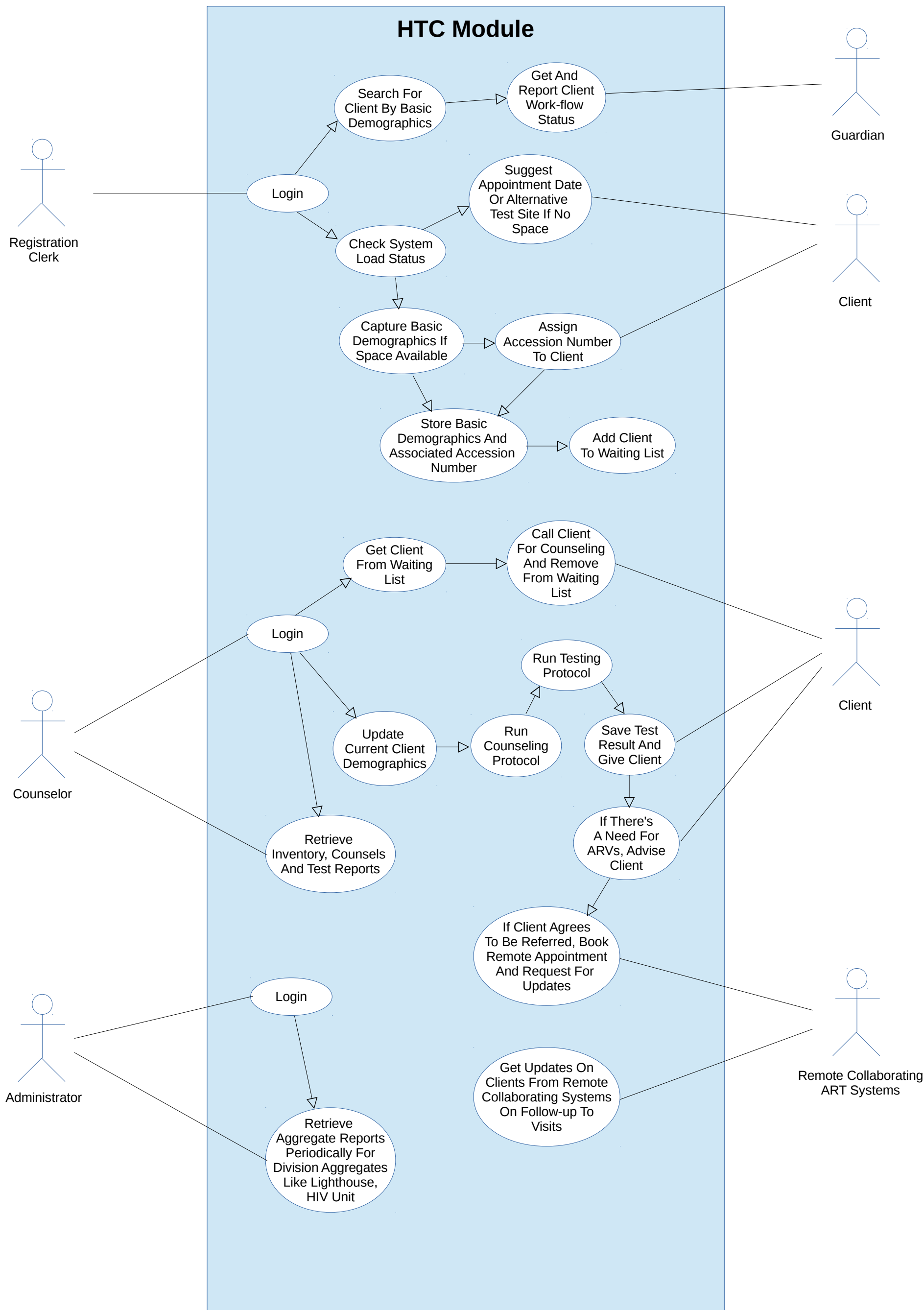


Note – feedback needed from ARV Clinic

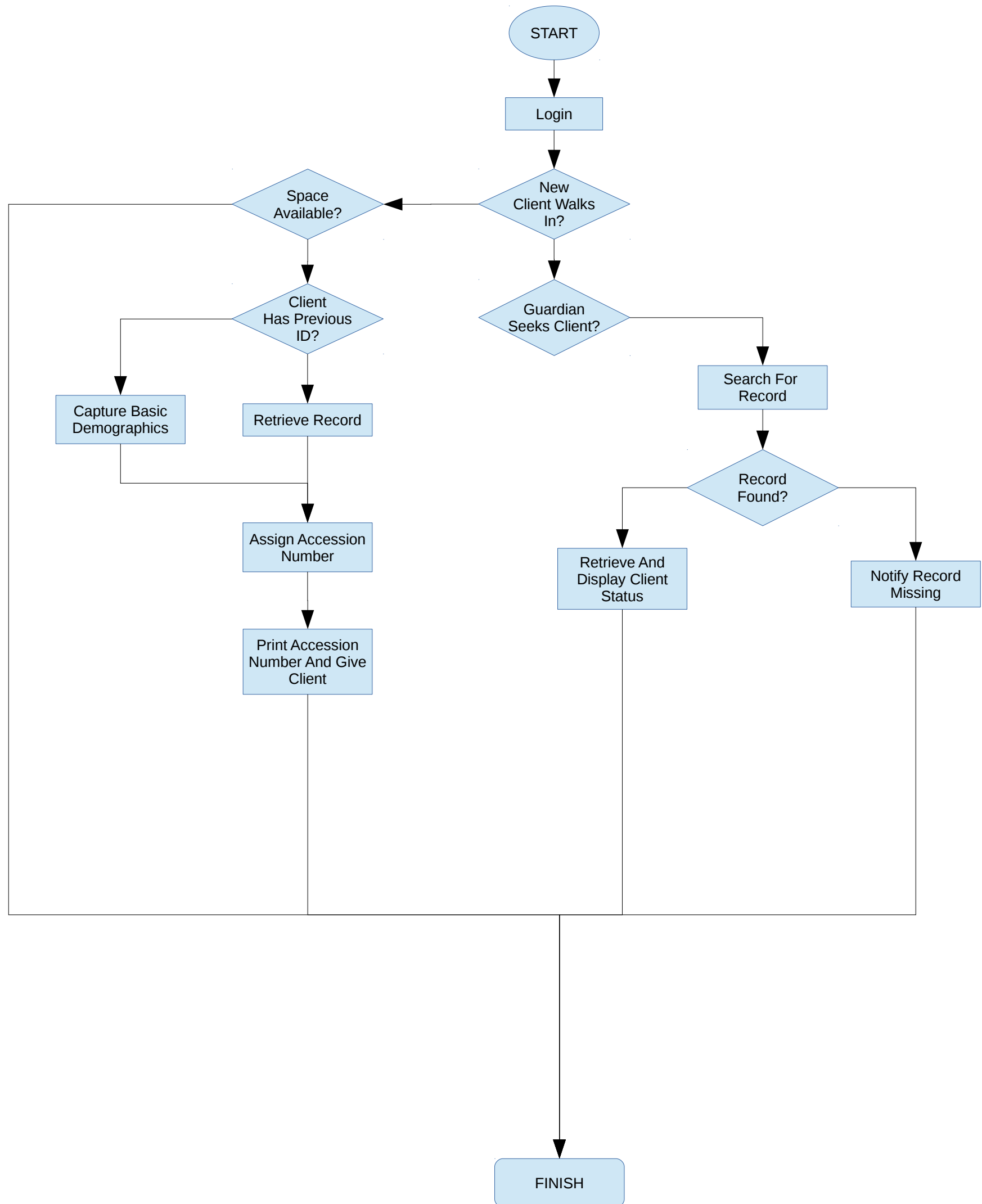
HTC Design: Observations Summary Flow Diagram



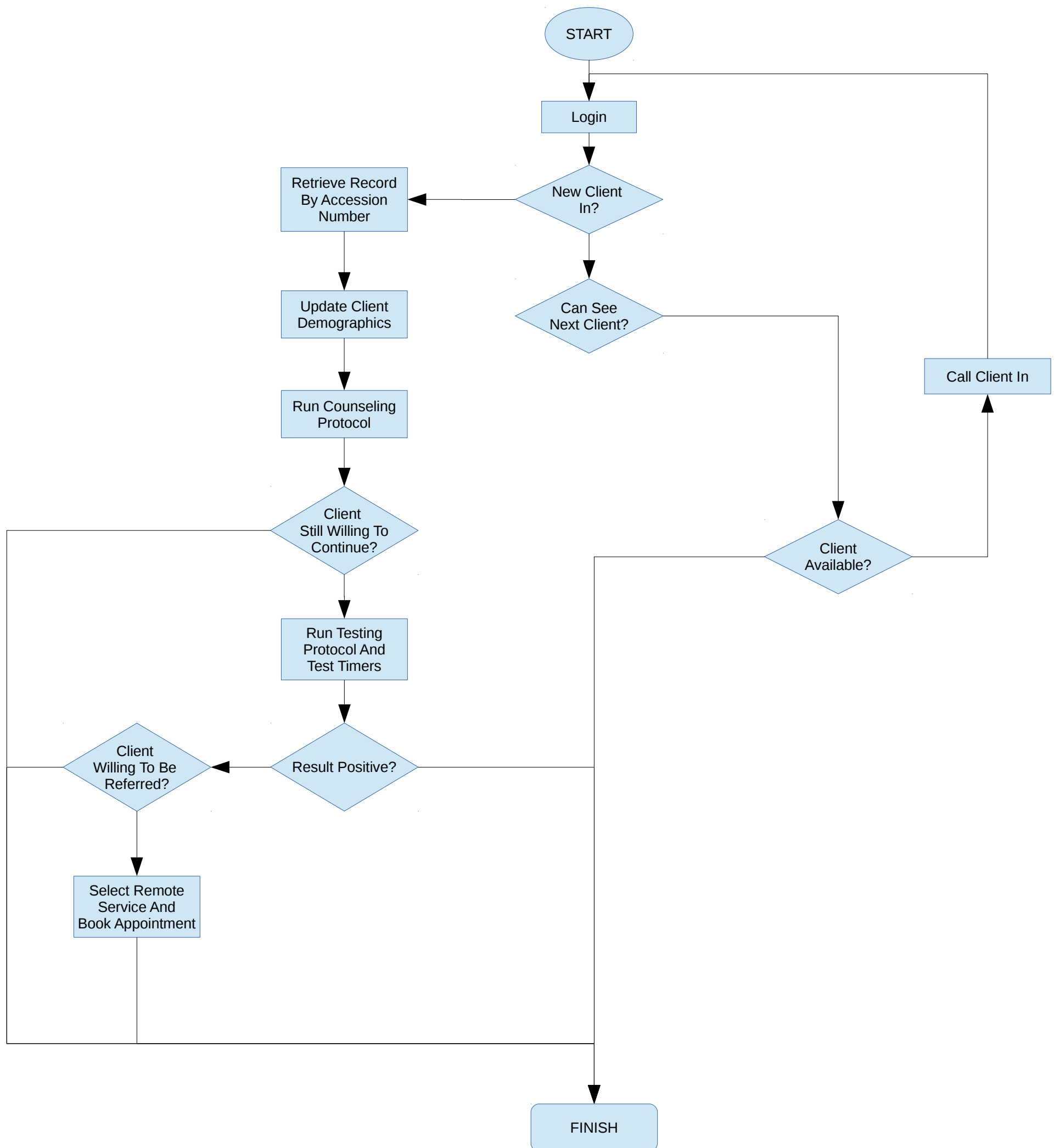
HTC Design: Use Case Diagram



HTC Design: Registration Desk Flow Diagram



HTC Design: Counselor Flow Diagram



HTC Design: UI Screen-shots

Username

*

Password

Location

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

cap

del

:

.

/

num

Next

Back

Login

Fig. 1a: Login Page – enter username

Username

Password

Location

*

Next

Back

Login

Fig. 1b: Login Page – enter location

HTC Design: UI Screen-shots

Gender

*

Male

Date of Birth

Residence

Female

Male

Next

Back

Finish

Fig. 2a: Basic Registration & Search – select gender

Gender

Male

Date of Birth

*

5 June, 1979

Residence

Specify Actual Date of Birth

OR

Age

+

+

+

1979

June

5

-

-

-

35

Next

Back

Finish

Fig. 2b: Basic Registration & Search – enter date of birth

HTC Design: UI Screen-shots

Gender

Male

123456789del0abc

5 June, 1979

Date of Birth

OR

Age

1979

June

5

35

+

-

-

-

Next

Back

Finish

Fig. 2c: Basic Registration & Search – enter date of birth by typing year or date

Gender

Male

Date of

Reside

Specify

OR

Age

1979

June

5

35

+

-

-

-

Next

Back

Finish

Fig. 2d: Basic Registration or Search – enter month by selecting from months list

HTC Design: UI Screen-shots

Gender

Date of Birth

Residence

*

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

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V

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X

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Z

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del

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.

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num

Next

Back

Finish

Fig. 2e: Basic Registration & Search – enter residence

Search Results

Gender

:

Male

Date of Birth

:

5 June, 1979

Residence

:

Area 3

Date of First Visit

:

13 June, 2014

Work-flow Status

:

Waiting

Female; DOB: 5/Jun/1979; Area 3;

Male; DOB: 5/Jun/1979; Area 3;

Female; DOB: 5/Jul/1979; Area 12;

Female; DOB: 15/Jun/1979; Area 49;

Cancel

Select

Fig. 3: Basic Registration & Search Results Page

HTC Design: UI Screen-shots

Scan Client Barcode:

HTC

Facility: Kamuzu C.H.

Location: Reception.

Date: 27-Jun-2014

User: Super User

Room Allocation

Reports

Administration

Client Room Allocation Statuses

	Maximum Capacities	Seen	Waiting	Available Spaces	Total Attendance
Room 1	10	0	10	10	0
Room 2	10	1	1	8	2
Room 3	5	3	3	-1	6
Unallocated	15		3	12	3
Totals	40	4	17	29	11

Logout

Un-Allocated Clients

Swap Desk

Find or Register Client

Fig. 4: Reception Main Dashboard

Un-Allocated Client List

Gender : Male

Date of Birth : 5 June, 1979

Residence : Area 3

Date of First Visit : 13 June, 2014

Work-flow Status : Waiting

Female; DOB: 5/Jun/1979; Area 3;

Male; DOB: 5/Jun/1979; Area 3;

Female; DOB: 5/Jul/1979; Area 12;

Female; DOB: 15/Jun/1979; Area 49;

Cancel

Select

Fig. 5: Un-Allocated Clients' List Page

HTC Design: UI Screen-shots

Scan Client Barcode:

Facility: Kamuzu C.H.

Location: Room 1

HTC

Date: 27-Jun-2014

User: Super User

Room Allocation

Reports

Administration

Client Room Allocation Statuses

	Maximum Capacities	Seen	Waiting	Available Spaces	Total Attendance
Room 1	10	0	10	10	0
Room 2	10	1	1	8	2
Room 3	5	3	3	-1	6
Unallocated	15		3	12	3
Totals	40	4	17	29	11

Logout

Room Clients

Un-Allocated Clients

Swap Desk

Find or Register Client

Fig. 6: Counselor Main Dashboard

Room 1 Allocated Client List

Gender : Male

Date of Birth : 5 June, 1979

Residence : Area 3

Date of First Visit : 13 June, 2014

Work-flow Status : Waiting

Female; DOB: 5/Jun/1979; Area 3;

Male; DOB: 5/Jun/1979; Area 3;

Female; DOB: 5/Jul/1979; Area 12;

Female; DOB: 15/Jun/1979; Area 49;

Cancel

Select

Fig. 7: Room Allocated Clients' List Page

HTC Design: UI Screen-shots

HIV Testing Protocol

Rapid Test Timer

00:16

Stop

Gold Test Timer

00:00

Start

Result

REACTIVE

Cancel

Save

Fig. 8: HIV Testing Protocol Interface

Referral Consent Confirmation

Would you want to go to an ART Clinic?

Yes No

Choose convenient ART Clinic from these suggestions:

Lighthouse Trust

Bwaila Clinic

Area 18 Health Centre

Choose convenient ART Clinic day from these suggested:

1 July, 2014

8 July, 2014

13 July, 2014

Cancel

Finish

Fig. 9: For Reactive Patients, Referral Confirmation Page & Conditional Questions

HTC Design: UI Screen-shots

Counseling Protocol

Are you married?

YesNo

Do you have multiple partners?

YesNo

Do you use any protection against STIs?

YesNo

Do you sweat a lot at night?

*YesNo

Have you ever tested for HIV?

YesNo

Cancel

Finish

Fig. 10: Counseling Protocol Sample Page

John Banda

Accession Number

:

0002

Residence

:

Area 3

Age

:

35

Work-flow Status

:

In Session

HTC

Edit Demographics

Counseling Protocol

HIV Testing Protocol

Current Visit

Previous Visits

Current Client's States Summary

First State Time	:	09:59
Current State	:	In Session
Current State Start	:	10:59
Final State Time	:	--:--

Current Client's States Log

09:59	Seen at reception
10:15	Waiting
10:30	Counseling advice conducted
10:50	HIV Testing
10:59	Referral Confirmation Started

Cancel

Finish

Fig. 11: Client Dashboard as seen by a counselor