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APPENDICES

APPENDIX 1

Academic library standard Thai Library Standard Association

The standards can be divided into 4 constituents

1. Information resource
2. Staff
3. Place and facilities
4. Budget

Information resource:

1.1 Printed materials

1.1.1 Number of books

Library should have at least 50,000 books with the follows details:

- 40 books for 1 certificate student
- 50 books for 1 undergraduate student
- 100 books for 1 teachers

1.1.2 Number of journals

Library should have at least 130 titles with the following details:

- Thai journals at least 100 titles
- English journals at least 30 titles

1.1.3 Number of newspapers

Library should have at least 12 newspapers with the following details:

- At least 10 Thai newspapers
- At least 2 English newspapers

1.2 Non-printed materials

Each type of non-printed material should have at least 50 lists and should increase regularly.

Staff:

The pre-graduate school with less than 1,000 students should have 1 manager, 1 librarian, 2 assistants and 1 house keeper.

Place and facilities:*Place:*

1. The area for printed- materials should be 60 square meters per 10,000 books and should double every five-year period.
2. The area for non-printed materials should be 60 square meters.
3. The area for staff should be 15 square meters for the manager, 9 square meters for a librarian, 4.5 square meters for an assistant, 2.5 square meters for house keeper.
4. Other purposes, 20-25 % of the total area is set aside for a store- room and book repair, 120 square meters for a room for small group meeting, seminar or other activities according to the objectives of the library service.
5. As for the number of seats for users, at least 25% is set for the total students or 1.5 square meters for one student and 10% of the total for teachers or 3 square meters for one teacher.

Facilities:

1. There should be at least one set of computer and printer
2. There should be non- printed materials sufficient for 1,000 users for self-studying. The minimum requirements are as follows:
 - 2 sets of over head projectors
 - 2 sets of VDO players
 - 2 pieces of Audio players
 - 1 set of microfilm reader and maker
 - 1 set of microfiche reader and maker
 - 1 photo-copying machine
 - 1 fax machine
 - 1 phonograph displayer
 - 1% of portable cassette players out of the total number of users

- Other facilities include shelves, card cupboards, tables, chairs, etc., according to the library services.

Budget:

Should prepare

1. At least 5 % of the total budget is set for purchasing instructional media.
2. Library should have an annual project plan for the budget of the following year.

EQA Requirement

1. Having an operational plan
2. Implementation
3. Minimum budget per student should be 1,200 bath for library and Information Technology
4. Increasing the budget per student to 1,800 bath for library and Information Technology

Mahidol University Requirement

The requirements are the same as those in the academic library standards. The addition is having more journals, local and international.

APPENDIX 2

Result of self – administered open – ended questionnaire

Information resource

There should be an increase in the contents of subjects in the fields of, medicines, listening technique, self development, international dining etiquette, social manners for personality development, non- communicable diseases, computer journals, healthy food, pet care, integrated agriculture, travel, gun, linguistics, esp., English and Chinese, cooking, occupation, body capacity, exercise, sports, and athletics.

The following academic books should be available in the library:

- Parasitology by Tropical Region Medical, Mahidol University
- Atlas of Medical Parasitology, 5th edition by Prayong Radomyot, et.al.
- Industrial health sciences (not by Sukhothai Thammathirat Open University)
- Research Technique : Qualitative Research by Raveewan Chinatrakul
- Sampling technique by Surin Niyamangkul
- Qualitative research by Supang Chantawanich
- Yoral Thai Dictionary: latest edition
- Population and quality of life development by Siri Harmsupho
- Gender and age structure of Thai elderly by Pramote Prasartkul
- Thai population in His Majesty the ninth generation by Bunlert Jeawprapai
- Thai social problem analysis by Nonglak Thepsawat
- Life table by Pramote Prasartkul
- Psychology in counseling
- Counseling technique
- Psychological practicing: 2001 by Somporn Busarakit
- Ramathibodee Psychology:2001 by Manote Lhotrakul
- Psychological science text book by Manit Sarsarakanon
- Depression and suicide:2001 by Sompob Reaungtrakul

- Adolescence and teenage psychosis:2001 by Sompob Reaungtrakul
- Depression 2000 by Narong Supatarapan
- Nursing practice manual 2000 by Kwanta Kerdchuchuen, et. al.
- Population development journal
- Encyclopedia
- National Geographic: Thai edition
- Computer today magazine
- Labor relation journal
- Jurispendent text book
- Update magazine
- Yoga
- Matindale
- British Pharmacopoea
- O-sot Pranarai description manual by Peravut Chareonsupawong
- Medical time journal
- Medical cycle
- Pharmacy cycle
- Medicinal plant for health
- Botanical nomenclature by Tem Samitinan

These children books, novels, poetry and books of recreation should also be available,

- Sport pool
- TUAY TOON
- Harry Potter
- Smiling sale, Super Fun
- Praew
- Motor sport, vehicle source

Services.

The following should be had or improved:

- Copying machines
- Computer search
- Number of text books especially during the examination period
- Language laboratory
- At least 5 computers for internet search in the library
- More variation of books in every category
- More variation of disciplines and up-to-date text books and journals
- Clearer category labels in each book shelf
- Circulation system
- Current issues of books and journals
- More copies of some books
- Cleaner floor
- High temperature, poor air ventilation and noise
- More computers and printing service
- IPA Media CD-ROM search

APPENDIX 3

Result of In-depth Interview-1

1. Information resources

Currently the library's instructional media are under pre-graduated library standard because there are only 16,905 books (15,669 Thai books and 1,236 English books), 49 journals (39 Thai journals and 10 English journals), 35 lists of CD, 90 lists of slide and 143 topics of VDO. Publication year is from 1989 up to now. One comment made by Mahidol University is that quantity of English books is not enough. Most books are in a state of decay because they are mostly paperbacks.

2. Facilities

There is only one computer with the LAN system and can be used for internet searching and one for intra- library searching. One computer and printer are for the check-out.

3. Physical environment

Area arrangement is not in line with the objectives of use and service access because materials are not categorized accordingly to types of instructional media. There are no reference room, journal section and non-printed media room. They are kept in shelves and in cupboards without categorization.

There are 12 tables with 8 chairs and one table with 4 chairs, totally 100 chairs, which are sufficient for users. However, other types of seating are not enough since there are only 4 carrels and one self-study room for using non-printed media.

The library is not air-conditioned, therefore only electric fans are used. Air-conditioning is needed in the reading room and curtains for light reduction especially in the afternoon.

4. Service

The library has never conducted any formal survey on demands on books and other materials of teacher and students. It only asks teachers from different departments

to fill up book purchase request forms when it is time to buy. T has also never had any formal annual buying plan. When time comes, it depends entirely on the librarian to make up the decision on what should be bought.

Surveys on users' satisfaction have never been carried out, neither has service development. It is recorded that there are approximately 90 users per day during the normal semesters, but during the summer semester most students go out for field practice.

Intra-library search system is applied only for books while other materials have to write on the check-out forms.

Intra-library search system is the ISIS system whereas borrowing-lending management system uses the barcode system. However, both cannot be connected since they are copied from different places which make the work complicated. The librarian has to work for one book, first for barcode and second for ISIS. It's a lot of work and takes time.

Information from the ISIS and Barcode system cannot be printed out to show access resource. Users' signatures during the check-out procedure are the only means to collect statistic data. There is no such data for instructional media use from the loan service. Consequently, there is no way to know which books or materials are more frequently used so that more copies could be made available.

5. Staff

In the librarian's opinion, she has some limitations since there is only one librarian and sometimes the house-keeper has to be her assistant. There is a shortage of the librarians and the problems of soft wares for service management make the situation even worse. Furthermore, support from the organization is very slow.

The librarian has no chance to go out for self-development because there would be no one on duty if she takes a leave. She is also too occupied to create activities for library promotion and development.

APPENDIX 4

Result of focus group discussion 1

1. Information resource

Some users asked for parasite- atlases which are in strong demand for Parasitology class. Users were quite not satisfied with the library services because there are not enough books in terms of titles and authors. Some books do not have enough copies. Many of them were published over 10 years ago. Most of them are in need of new covers before shelving. Book arrangement on shelf is not in order of classification.

2. Facilities

Users felt that there are not enough facilities and students outnumber computers for internet search. Opportunities of using the computers are far from equal.

3. Physical environment

Physical environment doesn't support learning atmosphere because of heat. Electric fans are not sufficient when there are a lot of users. Loud noise and mobile phones from users are annoying and distracting, hard to pay attention when reading. Bright light in the afternoon is also disturbing without window blinds or curtains. However, tables and chairs are enough but carrels should be increased.

4. Service

The most common objective for library use is information search for studying, while newspaper reading comes second and small group meetings for report comes third.

Data on the intra-library search system are not regularly updated because some books are on the shelves but not available in the computer. Furthermore, the computer system cannot show present conditions of books whether they are still available or have been checked out. It is also difficult to find books on their shelves because of poor arrangement.

5. Staff

Users feel satisfied with the staff. The librarian is willing to provide services and assistance when requested.

APPENDIX 5

Qx. No.....

Self-administered structure questionnaire**Sirindhorn college of public health****Chonburi's library assessment for development****Introduction**

Sirindhorn college of public health Chonburi realizes that library is a very important educational supporting factor and can affect to quality of teaching and learning process. The college needs to investigate information needs and assess the library work bring to right direction for library's problem solving and development and increase users' satisfaction. That is one mechanism in Library Quality Assurance. Your participation and kind cooperation are highly appreciated.

Sincerely yours,

Sirindhorn college of public health Chonburi's library

Part 1: General information.

Please put / in the or write on according to your opinion

1.1 Status

 teacher student

1.2 program you teach

1.2 program you teach

 bachelor degree of public health bachelor degree of public health certificate of public health (community health) certificate of public health (community health) certificate of public health (dental public health) certificate of public health (dental public health) certificate of public health (pharmacy technique) certificate of public health (pharmacy technique)

academic year

 1 2 3 4

1.3 which day/time you usually use SCPH-C library service (You can choose more than one)

 Monday – Friday 08.30-16.30 Monday – Friday 16.30-20.00 Saturday 08.30-16.30

Part 2: Information need of SCPH-C library users.

Please put / in the (You can choose more than one) or write onaccording to your opinion.

2.1 learning information resources

2.1.1 which information sources should be increased (classification is based on the Thai library catalogue of SCPH-C)

- | | | |
|--|--|---|
| <input type="checkbox"/> Thai newspaper | <input type="checkbox"/> English newspaper | <input type="checkbox"/> Thai journal |
| <input type="checkbox"/> English journal | <input type="checkbox"/> Thai text book | <input type="checkbox"/> English textbook |
| <input type="checkbox"/> general book | <input type="checkbox"/> recreational book | <input type="checkbox"/> reference book |
| <input type="checkbox"/> etc..... | | |

2.1.2 which content should be increased

anthropology and social sciences

- | | |
|---|--|
| <input type="checkbox"/> general psychology | <input type="checkbox"/> philosophy and religion |
| <input type="checkbox"/> economy | <input type="checkbox"/> political science |
| <input type="checkbox"/> general law | <input type="checkbox"/> principles of public relation |
| <input type="checkbox"/> geography | <input type="checkbox"/> ethics |
| <input type="checkbox"/> information systems for management | |
| <input type="checkbox"/> thai politics | <input type="checkbox"/> human and environment |
| <input type="checkbox"/> quality of life development | <input type="checkbox"/> etc..... |

education

- | | |
|--|-----------------------------------|
| <input type="checkbox"/> library using | <input type="checkbox"/> health |
| <input type="checkbox"/> education | <input type="checkbox"/> etc..... |

linguistics

- | | |
|-----------------------------------|----------------------------------|
| <input type="checkbox"/> Thai | <input type="checkbox"/> English |
| <input type="checkbox"/> etc..... | |

sciences and mathematics

- | | |
|--|--|
| <input type="checkbox"/> general chemistry | <input type="checkbox"/> organic chemistry |
| <input type="checkbox"/> physics | <input type="checkbox"/> biology |
| <input type="checkbox"/> biostatistics, basic statistics | <input type="checkbox"/> calculus |
| <input type="checkbox"/> general science | <input type="checkbox"/> computer science |
| <input type="checkbox"/> anatomy and physiology | <input type="checkbox"/> genetics |
| <input type="checkbox"/> etc..... | |

basic professional

- | | |
|---|--|
| <input type="checkbox"/> first aid | <input type="checkbox"/> public health law |
| <input type="checkbox"/> public health management | <input type="checkbox"/> medical jurisprudence |
| <input type="checkbox"/> infectious diseases | <input type="checkbox"/> basic of population science |
| <input type="checkbox"/> public health seminars | <input type="checkbox"/> parasitology |
| <input type="checkbox"/> introduction to public health | |
| <input type="checkbox"/> communicable and non communicable diseases | |
| <input type="checkbox"/> mental health | <input type="checkbox"/> etc..... |

public health professions

- | | |
|--|---|
| <input type="checkbox"/> nursing | <input type="checkbox"/> family health |
| <input type="checkbox"/> basic treatment | <input type="checkbox"/> hygiene |
| <input type="checkbox"/> nutrition | <input type="checkbox"/> community health |
| <input type="checkbox"/> occupational health | <input type="checkbox"/> epidemiology |
| <input type="checkbox"/> water sanitation | <input type="checkbox"/> medical science |
| <input type="checkbox"/> medical service | |
| <input type="checkbox"/> community health planning and evaluation | |
| <input type="checkbox"/> food sanitation | <input type="checkbox"/> environmental sanitation |
| <input type="checkbox"/> maternal and child health | <input type="checkbox"/> health promotion |
| <input type="checkbox"/> study of body competence | |
| <input type="checkbox"/> management for sustainable development | |
| <input type="checkbox"/> elderly health | <input type="checkbox"/> drug addiction & alcoholism |
| <input type="checkbox"/> social cultural and sustainable development | |
| <input type="checkbox"/> toxicology and industrial medicine | <input type="checkbox"/> advise and counseling principles |
| <input type="checkbox"/> etc..... | |

dental public health

- | | |
|---|--|
| <input type="checkbox"/> dental anatomy | <input type="checkbox"/> dental pathology |
| <input type="checkbox"/> dental diagnosis | <input type="checkbox"/> dental medicine |
| <input type="checkbox"/> dental surgery | <input type="checkbox"/> gingivology |
| <input type="checkbox"/> dental prevention | <input type="checkbox"/> community dental health |
| <input type="checkbox"/> dental sanitation | <input type="checkbox"/> dental radiation |
| <input type="checkbox"/> dental public health | <input type="checkbox"/> etc..... |

pharmacy professional

- | | |
|---|---|
| <input type="checkbox"/> pharmacology | <input type="checkbox"/> pharmacy public health |
| <input type="checkbox"/> introduction to pharmacy | <input type="checkbox"/> pharmacognosy |
| <input type="checkbox"/> drug dispensing | <input type="checkbox"/> drug stock management |
| <input type="checkbox"/> harmaceutical sciences | <input type="checkbox"/> etc..... |

2.1.2 which non-printed material sources should be increased ?

- | | |
|--|---|
| <input type="checkbox"/> video | <input type="checkbox"/> VCD |
| <input type="checkbox"/> slides | <input type="checkbox"/> O. H. transparency |
| <input type="checkbox"/> pictures and maps | <input type="checkbox"/> anatomic model |
| <input type="checkbox"/> CD-ROM | <input type="checkbox"/> etc..... |

Part 3: SCPH-C library's information resources assessment.

Please put / in the according to your opinion.

- 3.1 printed materials are in good condition for use
 agree disagree
- 3.2 printed materials are up-to-date
 agree disagree
- 3.3 non-printed materials are in good condition
 agree disagree
- 3.4 non-printed materials are up-to-date
 agree disagree
- 3.5 audio-visual instruments for non-printed materials are adequate
 agree disagree
- 3.6 audio-visual instrument for non-printed material are in good condition
 agree disagree
- 3.7 computers for internet search are adequate
 agree disagree
- 3.8 computers for internet search are in good condition
 agree disagree

Part 4: SCPH-C library's physical environment assessment.

Please put / in the according to your opinion.

- 4.1 light is suitable for reading
 agree disagree
- 4.2 temperature is suitable for library use
 agree disagree
- 4.3 no noise disturbance, library is quiet
 agree disagree
- 4.4 tables and chairs are adequate
 agree disagree
- 4.5 tables and chairs are comfortable
 agree disagree
- 4.6 space arrangement with book shelves is suitable
 agree disagree
- 4.7 library is pleasant
 agree disagree

Part 5: SCPH-C library's service system assessment.

Please put / in the according to your opinion

- 5.1 The library can provide rapid and easy information sources by searching the card system
 agree disagree
- 5.2 The library can provide rapid and easy information sources by searching with computers
 agree disagree
- 5.3 The library provides rapid and easy borrowing-lending services
 agree disagree
- 5.4 three books per one borrowing is suitable
 agree disagree
- 5.5 one week duration per one borrowing is suitable
 agree disagree
- 5.6 classification of printed material is easy for manual search
 agree disagree

APPENDIX 6

Result of part 7 in self-administered structure questionnaire: suggestions

Suggestions of students

Suggestions	Frequency
Using time of library users - should extend library hours	8
Information sources	
1. Printed material	
- more variation of books	30
- more variation of publishers	2
- increase books for relaxation, such as, cartoon, sports and computer magazine, etc.	33
- increase journals	4
- increase number of books	39
- should provide more copies of books	7
- provide famous or best seller books	1
- increase reference books	2
- increase Thai newspapers in terms of titles and copies	7
- increase English newspapers	1
2. Non printed material	
- increase VCD	2
- increase CD	2
- increase tape cassettes	1
- the globe maps	1
- increase inorganic chemistry	1
- increase chemistry in daily life	1
- Japanese	31
- French	9
- German	2
- Chinese	18

- English	3
- Spain	1
- Environmental sciences	1
- Physical sciences	1
- Anatomy and physiology by Chusak Vetpad	1
- Poetry	1
- Athletic sciences	2
- Latest National Pharmacy Act	1
- Medicinal dictionary	1
- New technology	1
- MIMs annual	1
- Consumer protection	1
- Web design	1
- Up-to-date infectious diseases	1
- Medicinal plants	1
Information resources condition	
- increase the number of computers for internet searching	118
- improve computer efficiency	5
- books should be up to date	19
- take old books out from shelves	1
- should have T. V.	3
- some books need to be repaired	11
- non-printed material and instrument be checked out for out-of-library use	2
- accessibility of non-printed materials and instrument borrowing for out-of- library use	1
- increase instrument for non-printed materials for use	1

Physical environment condition	
- increase number of tables and seats	7
- noise problem solving by library rule enforcement	12
- increase shelves	2
- should have air conditioner	64
- should move copying machine out of the library because of noise	4
- provide relaxing corner	3
- space arrangement should be related to types of books	5
- more decoration	9
- should have rest rooms in library	1
- there is still dust	1
Service system conditions	
- improve arrangement and shelving	16
- have students as helpers for book shelving	1
- increase borrowing duration to 2 weeks	3
- improve book search by computer	3
- increase number of books for one borrowing from 3 to 5 books during examination period	2
- should have printing service	2
- increase copying machines	2
- create proactive activities to increase library use	3
Library staff condition	
- be careful about circulation system	1
- increase one more staff	7
- wear uniform	1
- be more friendly	3

Information resources condition - provide cable television network	1
Physical environment condition - increase carrels - have air-conditioning	1 4
Service system condition - needs survey at least 2 times a year - improve book-shelfing system - impose library fee for outside users	1 1 1
Library staff condition - be quite slow; should be more active - be more friendly	1 1

APPENDIX 7

Comparison between present situation and academic library standard

Comparison of present situation with academic library standard, as shown below.

library standard	present situation	comparison
<u>Printed materials</u>		
Number of books should have at least 50,000 books	- having 16,905 book (15,669 Thai books, 1,236 English books)	Under standard
Number of books - for a certificate student : 40 books×331 = 13,040 (122 CCH,112CDPH,97CPT) - for a bachelor student : 50 books×186 = 9,300 - for a teacher : 100 ×44 = 4,400 total 26,940 books	- having 16,905 book (15,669 Thai books, 1,236 English books)	
Number of journals at least 130 names - at least 100 Thai titles - at least 30 English titles	Having 49 titles - 39 names Thai titles - 10 names English titles	Under standard
Number of newspapers at least 12 newspapers - at least 10 Thai newspapers - at least 2 English newspapers	Having 13 newspapers - 11 Thai newspapers - 2 English newspapers	
Non-printed materials - Having 5 types of Instrument for non printed- material use for self-study in the standard library - VDO, tape, microfilm, microfich,	- 35 titles of CD - 90 titles of slides - 143 titles of VDO	Don't have some necessary type of microfilm

<p>phonograph.</p> <ul style="list-style-type: none"> - Each type should have at least 50 titles and increasing regularly. 		
<p><u>Staff</u></p> <p>should have 1 manager, 1 librarian, 2 assistant and 1 house keeper</p>	<p>Having 1 manager, 1 librarian, 1 house keeper</p>	
<p><u>Place and facilities</u></p> <p style="text-align: center;">Place</p> <ul style="list-style-type: none"> - Area for printed- materials should have 60 square meters per 10,000 books and should double every 5 years. - Area for non printed- material should have 60 square meters. - Area for staff should have 15 square meters for the manager, 9 square meters for a librarian, 4.5 square meters for one assistant, 2.5 square meter for a house keeper - Other purposes; 20-25 % of total area for a store- room and book repair, 120 square meters for a small group meeting room, seminar and others depending on the objectives of library services. - Number of seats for users, at least should have 25% of total students or an area 1.5 square meters for one student and 10% of total teachers or 3 square meters for one teacher. 	<p>Having 862 square meters</p> <ul style="list-style-type: none"> - 250 square meters for printed- materials - 50 square meters for non printed- materials - 100 square meters for library staffs - 62 square meters for a store- room and book repair - 100 square meters for a small group meeting room - 300 square meters for users. <p>There are 100 seats for 561 users (517 students and 44 teachers). It is 17.82% of total users</p>	

<p>Facilities</p> <ul style="list-style-type: none"> - At least one set of computer and printer - Instruments for non-printed materials use for self- study of 1000 users should consist at least the following - 2 sets of over head projectors - 2 sets of VDO players - 2 pieces of Audio players - 1 set of microfilm reader and maker - 1 set of microfich reader and maker - 1 photo-copying machine - 1 fax machine - phonograph displayer - 1% of portable cassette players out of the total number of users - Other facilities include shelves, card cupboards, tables, chairs, etc., according to the library services. 	<p>Having 4 computers and a printer</p> <p>Having the following instruments for non-printed materials for 561 users</p> <ul style="list-style-type: none"> - 1 sets of over head projectors - 1 sets of VDO players - 1 pieces of Audio players - 1 photo-copying machine VCD player 	
<p><u>Budget</u></p> <p>Should prepare</p> <ul style="list-style-type: none"> - At least 5 % of the total budget of organization for buying instructional media - Library should have an annual project plan for other the following fiscal year 	<p>Having 379,000 bath for buying instructional media</p> <ul style="list-style-type: none"> - 200,000 bath from the organization (1.5% of total budget of the organization) - 179,000 bath from the donation of Thai Books Foundation 	
<p><u>EOA Requirement</u></p> <p>At least 1200 bath per one student for both library and IT services (1200×517=620,400)</p>	<p>733 bath per one student (only for library services, IT services budget is not included)</p>	

APPENDIX 8

Result of phase 3. Problem solving

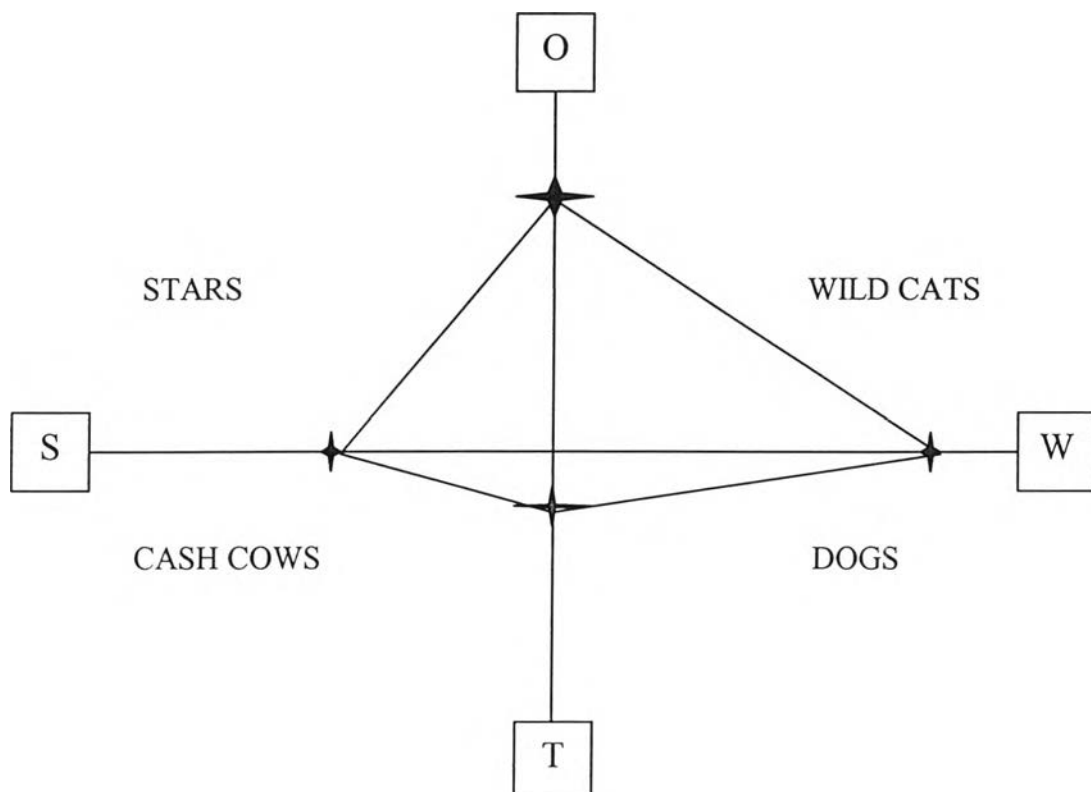
The library development committee used a SWOT analysis and TOWS matrix as a tool for strategic planning and identified required strategies for library development and problem solving.

SWOT Analysis

Strength	Opportunity
<p>Staff</p> <ul style="list-style-type: none"> - library development committee as management. <p>Physical environment</p> <ul style="list-style-type: none"> - enough area. <p>Using time for library users</p> <ul style="list-style-type: none"> - extend library hours on Saturday and Sunday 	<p>Information resource</p> <ul style="list-style-type: none"> - book donation <p>Management</p> <ul style="list-style-type: none"> - strong policy for library development <p>Staff</p> <ul style="list-style-type: none"> - a group of students as helpers for library development
Weakness	Threat
<p>Information resource</p> <ul style="list-style-type: none"> - not up-to-date information resource - not adequate information resource in terms of contents and copies, are under library standard - not enough and low efficiency computers for internet search - not in good condition <p>Management</p> <ul style="list-style-type: none"> - complexity of work because of low efficiency of software and computer using for management - surveys on users' satisfaction have never been carried out, neither has service development - no creative activities for library use motivation 	<p>Budget</p> <ul style="list-style-type: none"> - limited budget

<p>Staff</p> <ul style="list-style-type: none"> - not enough staff so the librarian has no chance for self development <p>Physical environment</p> <ul style="list-style-type: none"> - high temperature - noise disturbance - unsuitable space arrangement for service access - unpleasant atmosphere <p>Service system</p> <ul style="list-style-type: none"> - unable to provide rapid and easy check-out services - unable to provide rapid and easy information sources by computer search 	
---	--

TOWS Matrix



Internal organization analysis to find out both strengths and weaknesses, external organization analysis to uncover both opportunities and threats of SCPH-C library were conducted by SWOT analysis, then they were put into TOWS matrix. It is found that the library is in the wild cats situation, which means that the library still has many weaknesses, but it also has a high organization growth opportunity. So the strategies should reduce weaknesses and strengthen promotion and use opportunity.

After SWOT analysis and TOWS Matrix were used for strategic planning, it is found that 3 main strategies would help SCPH-C library development. They include: (1) Technology using strategy, (2) Creative activity as a library use promotion and (3) Physical environment improvement

Strategies

1. Technology using strategy: improve library management by technology

1.1 Soft ware for library management

Because there are a few library staff and the work process is complex, it is necessary to find better software for library development. The software would shorten the work procedure. The staff will not have to do work twice; one for information sources by computer search and the other for bar-code marking. During the service, the program can link these two procedures together.

Activity

- Specification

The library development committee should brainstorm for software specifications. A field visit to Chonburi Nursing College library should be organized because the library used to have similar problems. After that, available software in the market should be surveyed. If none is found according to the specifications, software companies should be contacted for program writing.

- Selection
- Use for library work

1.2 Book reform to CD

There are a lot of complaints about insufficient books in terms of subject areas, number of copies and poor conditions of them. There is also no good systematic shelving system due to shelf limitation, and the library cannot be expanded in the next few years. Furthermore, limited budget also aggravates the situations. In addition, the library cannot buy a large number of books to catch up with ever increasing needs within a short period of time. Moreover, too many books will become problematic in the future. One option to solve these problems is to transform these books into compact discs because the unit cost and damage risks are lower, reducing the problem of shelf areas.

Activities

- Categorization of book into new and old

New books are those published ten year ago up to the present time, whereas those published more than ten year ago are considered old books

- New book protection

The new books will be hard covers for book protection, also pleasant looking and easy search when they are on shelves.

- Writing old books onto CD

Old books should be scanned and written onto CDs for circulation through LAN accessibility, so that they could be read on every computers on campus.

1.3 Computer system improvement

Improving the library's computer system to accommodate with those of the college and the computer center is necessary in order to prepare for the new software and solve the problem of insufficient number of computers in the library. Students can get access to the library materials anywhere on campus.

Activities

- A new set of computer

One new set of computer is required as a domain server for the LAN system to accommodate new software and a new database of materials.

- Computer upgrading

All of the library computers must be upgraded to accommodate for the LAN system and new software.

- LAN installation

The LAN system must be installed to connect every library computer with those on campus so that book search and reading can be done anywhere at the college.

1.4 The library homepage

The library homepage should be established online and connected with PBRI network, linking the four regional SCPHs and other nursing colleges around the country together. It is also an information resources sharing and an ILL service promotion.

Activities

- Library homepage creation
- WWW on line
- PBRI network connection
- ILL service introduction and promotion

2. Creative activity

Many special projects will be done for the promotion of library use, for instance

2.1 Introduction to library service project

Activities

- For new students, dividing into small groups by curriculum
- Introduction to library services and how to use the library
- Project evaluation by workshop for library using practice

2.2 Introduction to online search project

Activities

- Workshop for instructors and let them practice for direct experience.
- For teachers, focusing on information search for a research support
- For students, focusing on learning support

2.3 Proactivity on Inter-library loan (ILL) project

Activities

- Sign a contract with Burapa University for ILL services
- Remind users about ILL services with Mahidol University
- Search for materials for ILL through the library homepage

2.4 Library database

Activities

- Classify information sources in the library and upload them in the LAN to link with the college MIS system. Catalogue cards for intra-library search should be updated, so that information could be accessed around the campus.
- Publicize new information resources so that users know new publications are available in the library.

2.5 Movie shows

Activities

- Learning through movies is an efficient learning method. Select movies that are relevant to what students are studying, e.g., “The outbreak”, supporting topics about Epidemiology. The movies can further improve students’ English listening skill.
- Experts specializing in the topics in the movies are invited to give talks and provide suggestions and conclusions after the movies shows.

3. Environmental improvement

3.1 Decoration

Activities

The concept is beauty and utility. The maps and models will be set in suitable places and more green trees will be put in the library.

3.2 Air conditioning

Activities

Library space will be separated into a reading area and an information resources area, so that the reading area can be air- conditioned.

3.3 Noise

Activities

Library rules and regulations will be strictly enforced, especially cell phone use. A fine will be imposed for noise disturbance due to cell phone use in the library. Those who violate the regulations will also be asked to leave the premises.

CURRICULUM VITAE

1. PERSONAL DATA

NAME : Kamolnat Maungyim

GENDER : Female

AGE : 31 years

STATUS : Single

2. EDUCATIONAL BACKGROUND

PRIMARY SCHOOL : Wat Wangroo Primary School 1980-1985

SECONDARY SCHOOL : Lasalle Chotiravee Nakornsawan School 1986-1991
- Science and Mathmatic branch

BACHELOR DEGREE : Chiang - Mai University 1992-1996
- Pharmacy Department

3. WORK

Sirindhorn College of public health Chonburi 1996-now

- Teaching for Pharmacology, Clinical pharmacy, Medicinal Plant, Drug addiction and Alcoholism
- Facilitator in Public health personnel development projects
- Library development
- Educational quality assurance

4. TRAINING (related to teaching and learning process)

- Teaching skill development 1993
- Train to be the trainer 1995
- Research methodology 2000
- Critical Thinking 2000
- Train to be the effective trainer 2001
- Examination analysis and learning evaluation 2001
- Educational Quality Assessor 2003
- PBL and flexible approach 2004

5. EXPERIENCE ON PUBLIC HEALTH

- Participatory Survey for Healthy City Development
- Community Learning Center – Community Master Plan Research