

# Prevalence and Correlates between Internet Use Behavior and Social Skill among University Students in Thailand

<sup>\*1</sup>Supat Chupradit, <sup>2</sup>Natthanit Joompathong, <sup>3</sup>Priyanut Wutti Chupradit

**Abstract---** *This research has the objective for studying the relationship between the behavior of using the internet with the social skill of the university student. By this will use the quantitative studying method which will gather the information from the sample such as; 500 of 1st year students who have lived in the dormitory of Chiang Mai University. Using tools will be the basic questionnaire of the sample, the evaluating form of using the internet and the evaluating form of the social skill, Standard Deviation and the analysis with inferential statistic. By this will use Pearson' Product Moment Correlation Coefficient, the studied result is found that most of the sample will have addicted to the internet usage in a few level. And most of them will have the social skill in the moderate level. For the sample who haven't addicted to the internet usage, most of them will have the high social skill level. For the sample who have addicted to the internet usage in a few level, the moderate level and the severe level, most of them will have the moderate social skill. In order that, from testing of Pearson' Product Moment Correlation Coefficient between the behavior of using the internet with the social skill, this is found that; (1) The behavior of using the internet with the social skill will have the negative relationship in a few level. The correlation coefficient value will be equal to  $-.320$ . By this will have the statistical significance at the level of  $0.01$ . (2) The behavior of using the internet with the social skill in the capacity in the communication and the interaction will have the negative relationship in a few level. This will have the correlation coefficient value that is equal to  $-.234$ . By this will have the statistical significance at the level of  $0.01$ . and (3) The behavior of using the internet with the social skill in the capacity in working as the group will have the negative relationship in a few level. This will have the correlation coefficient value that is equal to  $-.289$ . By this will have the statistical significance at the level of  $0.01$ .*

**Keywords---** *Internet Use Behavior, Social Skill, University Students.*

---

---

<sup>\*1</sup>Supat Chupradit, Assistant Professor, Department of Occupational Therapy, Faculty of Associated Medical Sciences, Chiang Mai University, Chiang Mai, Thailand.

<sup>2</sup>Natthanit Joompathong, Undergraduate Student, Department of Occupational Therapy, Faculty of Associated Medical Sciences, Chiang Mai University, Chiang Mai, Thailand.

<sup>3</sup>Priyanut Wutti Chupradit, Lecturer, Program in Educational Psychology and Guidance, Department of Educational Foundations and Development, Faculty of Education, Chiang Mai University, Chiang Mai, Thailand

## I. INTRODUCTION

The teenage, is the age that has the growth rapidly and there is the change for both in the body, the mind, the emotion and the wisdom. In the long time period of the teenage, this may separate the teenage period to be 3 periods, by this will use the criteria of being the child, the adult to decide it. That is the age approximately from 12 to 15 years, this will be the early teenage period, and the age from 16 to 17 years, this will be the middle teenage period. And the age from 18 to 25 years, this is the last teenage period. For the process of the behavior which is rather to be the adult, in the period of the adolescence, the child will grow to be the adult fully. This is the changing period of the age, the social life, the emotion, the mind, the value, the ideal. The child is imitating and testing of the role for being the adult in other viewpoints. For the change and other possibilities at this moment, all of the behavior will be the foundation of the interest and the aim in the life, the career, the aspect of the friend, the aspect of the spouse in the adult age. By the last teenage period, this will overlap with the beginning adult period such as; the person who has the age approximately from 20-25 years to 40 years. For that person, the growth will be fully developed as the testing period for finding the guideline of the desired and satisfied life that is continued from the teenage period. The development in the adult period will be in the adaptive form and there is the change to face the variable condition and the acceptance of the burden in the daily life. There is the adapting and the correct change that will lead to the result that is the development which is suitable for the age, the happiness, the success in the adult life, the stability in the emotion, the confidence and the pride in oneself (1-7). For the last teenage period, there is the important change that is the change from studying in the high school level to be the university level. By this is the study for being the guideline in working in the adult age. There is the change in the educational level which will have to use the adapting for being able to study in the university level that is different from the high school level (8, 9). There is needed to use other important skills for being able to live to study in the university level. For studying in the university, this is not only the study in the academic matter, this will have to do activities together with students in the university and there is building of the relationship with other persons in the university. The social skill will be the important skill that is able to be brought to use in living in the university fence (10). There is giving of the meaning of the social skill that is the capacity in knowing, understanding, having the creative idea and harmonizing the feeling, the desire, the relationship including solving the problem and managing the interaction of the people together. The social skill will be consist of the group of other skills that are used in interacting and communicating between the people in the society such as; the communication skill, the speaking, the listening, the teamwork, the capacity in understanding various situations, other rules in the society. By this will have the objective for building the positive relationship to be happened. Hence, 1<sup>st</sup> year students will be needed to use the social skill as the basic skill for studying and living together with other persons in the university for both in building the relationship between the people, the teamwork and the living together with others in the society.

According to the principle of the occupational therapy, Person Environment Occupation Performance (PEOP) Model, Baum and Christiansen have viewed that PEOP Model is the model that has viewed the customer is the center (Client-centered model). This will help to manage to improve the needed capacity in the daily life and the value in doing the activity of each person, the organization and the population. And there is the participation that have the meaning in the surrounding world of the person (11).

From the aforementioned above, this will see that the problem of the unsuitable using of the internet and there is using of the much time in using the internet of the teenager (12-14) that is the age that has use the internet most, this will make the researcher to be interested to study the behavior in using the internet with the social skill of 1<sup>st</sup> year students who is entering to study in the university. By there is interested in studying the relationship between the behavior of using the internet with the social skill. For doing this research in this time and this will bring this research result to apply to use for being the guideline in planning to develop the social skill of students and this will recommend the guideline in using the internet suitably further.

## II. RESEARCH OBJECTIVE

This for studying the relationship between the behavior of using the internet with the social skill of 1<sup>st</sup> year students who have lived in the student dormitory of Chiang Mai University.

## III. METHOD

**Research Design:** Cross sectional and Correlational research.

**Population:** 3,991 of Students of Chiang Mai University who are studying in the 1<sup>st</sup> year of the academic year of 2018 and have lived in the student dormitory of Chiang Mai University.

**The sample and the selection of the sample:**

For the sample in this study, they are 500 students in Chiang Mai University who are studying in the 1<sup>st</sup> year of the academic year of 2018 and have lived in the student dormitory of Chiang Mai University. By there is the determination of the qualification of the sample who are selected to be studied, there is the inclusion criteria and the exclusion criteria as follows;

1. Inclusion Criteria; The qualification of the sample that are selected to be studied; The person must have the age since 18 years up., The person must be the 1<sup>st</sup> year student who has lived in the student dormitory of Chiang Mai University. And person must be consent to join in the research.

2. Exclusion Criteria;

For the exclusion criteria of the sample for this research, the person must be the volunteer who has the serious sickness or has the handicapped condition or the volunteer who isn't consent or has no the readiness in answering to the questionnaire or has the worry on joining in the research.

**Tools that are used in the research:**

1<sup>st</sup> Section, the questionnaire of the basic information of the sample; 1<sup>st</sup> Part, this is the general information of the sample which is consist of the gender, the age, the faculty that the student is studying in. 2<sup>nd</sup> Part, this is the questionnaire of the information of using the internet that is consist of the tool that is used in the internet, the aspect of the activity in using the internet, the objective in using the internet and the number of hours that are used in the internet. 2<sup>nd</sup> Section, the evaluating form of using the internet

There is the evaluating tool of using the internet (Internet Addiction Test: IAT) by Kimberly Young (15-20), that is consist of 20 questions for evaluating the level of using the internet. By there is letting the person who has done the evaluating form to answer following questions. That person must have to fill the figure that will match with the opinion and the own behavior in front of each number as follows; 1 = Rarely, 2 = Sometimes, 3 = Often, 4 = Regularly, 5 = All the time and 0 = This can't specify. For interpreting the result of the evaluating form of using the internet: this can interpret the full score result of 100 scores. There are 4 levels of criteria for the separation as follows; None, there is no addicted to use the internet. Mild, there is addicted to use the internet for a few level. Moderate, there is addicted to use the internet in the medium level and Severe, there is addicted to use the internet in the severe level.

For the evaluating form of the social skill, this evaluating form is created by having the objective for evaluating the social behavior transaction. This is consist of 2 categories of the capacity such as; the capacity in communicating and interacting and the capacity in working as a group. For the determination of the behavior transaction will be created from the analysis of the definition and the component of the social skill. Later, there is bringing to determine the behavioral indicator by there is the creation of the evaluating form of the social skill of Suriyayothin. J., (21). This can get the reliability of all evaluating forms that are equal to 0.81. There are 20 questions in evaluating the social skill that will show the social behavior.

By this will use the rating scale, the interpreting of the evaluating form of the social skill for 3 levels such as; there is the high social skill, there is the medium social skill and there is the low social skill.

#### Data analysis and the using statistic:

1. There is an analysis of the information with the descriptive statistic such as; Descriptive Statistics, Frequency and Percentage. There is using the description related to the basic information, the average of the sample (Mean) and Standard Deviation in the analysis of the information of the score of the usability of the internet and the social skill.

2. There is an analysis with Inferential Statistics. There is using of Pearson' Product Moment Correlation Coefficient.

#### Ethics and Human Protection:

For this research, the researcher has received the certification of the research morality in human beings from Committee of the research morality, Faculty of Associated Medical Sciences, Chiang Mai University, Thailand. The research project No. AMSEC-69EX\_017 for gathering the information and requesting the permission to gather the information by giving the information to explain the detail of the research in this time for the acknowledgment including the right in joining the research and the decision to join or not to join the research according to the willingness of the personal information of the participant of the research. This information will be kept as the secret and this information won't be revealed.

## IV. RESULTS

For this research result, this can separate to be parts such as; demographic data of the sample and the information of using the internet, the behavior of using the internet, the information of the social skill and the hypothesis test of the relationship between the behavior of using the internet and the social skill.

**Table 1:** Demographic data of the sample (n= 500)

The basic information		The number (The person)	Percentage	Total number of persons
Gender	Male	165	33.00	500 (100%)
	Female	335	67.00	
The faculty that students are studying in	Science-Technology	190	38.00	500 (100%)
	Science – Health	97	19.40	
	Human – Society	213	42.60	
Average age	19.036 years ( SD = .58, the minimum age at 18 years, the highest age at 21 years )			

**Table 2:** The information of using the internet of the sample (n = 500)

Topic		The number (The person)	Percentage
Tools that will use the internet	Smartphone	497	99.40
	Tablet	142	28.40
	Desktop Computer	106	21.20
	Notebook Computer	379	75.80
	Others	6	1.20
The aspect of activities that will use the internet	Facebook/Twitter	494	98.80
	Chatting	359	71.80
	YouTube	488	97.60
	Searching (Google)	453	90.60
	Movie/Music	414	82.80
	Downloading (Movie/Music)	205	41.00
	Reading (e-Learning)	242	48.40
	Emailing	211	42.20
	Shopping	275	55.00
	Web board (Forum)	60	12.00
	Online Gaming	229	45.80
	Others	9	1.80
Objectives in using the internet	The entertainment / The recreation	495	99.00
	Checking of other status	189	37.80
	Presents the identity / Activities to be done	156	31.20

	Contacting and communicating with friends	458	91.60
<b>Average hours of playing the internet per day</b>	7.23 hours (SD = 3.42, The minimum hour is at 1 hour, The maximum hours are at 20 hours)		

**Table 3:** The behavior of using the internet of the sample which are separated according to the gender and the faculty that students are studying in (n=500)

The score of the evaluating form of using the internet		The lowest score	The highest score	Std. Deviation (SD)	The average score ( $\bar{x}$ )	Interpreting the result
<b>Gender</b>	Male (n=165)	13.00	84.00	14.34	46.53	Mild
	Female (n=335)	3.00	84.00	13.21	42.49	Mild
<b>Faculty</b>	Science – Technology (n=190)	13.00	84.00	14.32	45.75	Mild
	Science - Health (n=97)	4.00	81.00	12.92	42.36	Mild
	Human – Society (n=213)	3.00	84.00	13.37	42.77	Mild
<b>Total</b>		3.00	84.00	13.71	43.82	Mild

**Table 4:** The behavior of using the internet of the sample which are separated according to the addiction level of the internet (n=500)

The score of the evaluating form of using the internet		None level		Mild level		Moderate level		Severe level	
		n	%	n	%	n	%	n	%
<b>Gender</b>	Male (n=165)	22	13.30	68	41.20	73	44.20	2	1.20
	Female (n=335)	56	16.70	183	54.60	95	28.40	1	.30
<b>Faculty</b>	Science - Technology (n=190)	22	11.60	88	46.30	88	46.30	1	.50
	Science - Health (n=97)	20	20.60	46	47.40	30	30.90	1	1.00
	Human - Society (n=213)	36	16.90	117	54.90	59	27.70	1	.50
<b>Total</b>		78	15.60	251	50.20	168	33.60	3	.60

**Table 5:** The score level of the social skill of the sample (n= 500)

The social skill	The lowest score	The highest score	The average score ( $\bar{x}$ )	Std. Deviation (SD)
The social skill	36.00	59.00	48.83	4.12
The social skill in the capacity in communicating and interacting	14.00	26.00	21.44	2.51
The social skill in the capacity in working as a group	17.00	30.00	24.58	2.51

**Table 6:** The score level of the social skill of the sample which are separated according to the gender and the faculty that the sample are studying in (n = 500)

The social skill		The lowest score	The highest score	The average score ( $\bar{x}$ )	Std. Deviation (SD)
<b>Male (n=165)</b>	The social skill	36.00	59.00	47.28	4.31
	The social skill in the capacity in communicating and interacting	15.00	26.00	20.80	2.14
	The social skill in the capacity in working as a group	17.00	30.00	23.77	2.61
<b>Female (n=335)</b>	The social skill	37.00	59.00	49.60	3.80
	The social skill in the capacity in communicating and interacting	18.00	26.00	21.75	2.24
	The social skill in the capacity in working as a group	18.00	30.00	24.97	2.37
<b>Science – Technology (n=190)</b>	The social skill	36.00	56.00	48.56	4.16
	The social skill in the capacity in communicating and interacting	14.00	26.00	21.14	2.28
	The social skill in the capacity in working as a group	18.00	30.00	24.61	2.56
<b>Science – Health (n=97)</b>	The social skill	40.00	59.00	49.39	4.16
	The social skill in the capacity in communicating and interacting	18.00	26.00	21.77	2.02
	The social skill in the capacity in working as a group	18.00	30.00	24.80	2.65
<b>Human – Society (n=213)</b>	The social skill	36.00	59.00	48.83	4.06
	The social skill in the capacity in communicating and interacting	15.00	26.00	21.55	2.15
	The social skill in the capacity in working as a group	17.00	30.00	24.45	2.41

**Table 7:** The score level of the social skill of the sample which are separated according to the addiction level of the internet (n = 500)

The addiction level of the internet	The social skill	The lowest score	The highest score	The average score ( $\bar{x}$ )	Std. Deviation (SD)
<b>None level (n=78)</b>	The social skill	36.00	59.00	50.31	4.04
	The social skill in the capacity in communicating and interacting	15.00	26.00	22.05	2.27
	The social skill in the capacity in working as a group	19.00	30.00	25.37	2.26
<b>Mild level (n=251)</b>	The social skill	37.00	56.00	49.39	3.59
	The social skill in the capacity in communicating and interacting	15.00	26.00	21.65	1.96
	The social skill in the capacity in working as a group	18.00	30.00	24.86	2.32
<b>Moderate level (n=168)</b>	The social skill	36.00	59.00	47.42	4.44
	The social skill in the capacity in communicating and interacting	14.00	26.00	20.85	2.34
	The social skill in the capacity in working as a group	17.00	30.00	23.86	2.67
<b>Severe level (n=3)</b>	The social skill	41.00	46.00	43.33	2.52
	The social skill in the capacity in communicating and interacting	19.00	23.00	20.33	2.31
	The social skill in the capacity in working as a group	19.00	21.00	20.00	1.00

**Table 8:** The social skill level of the sample (n = 500)

The social skill level	The score level	The number (The person)	Percentage
The high social skill level	51 – 60	186	37.20
The medium social skill level	41 – 50	297	59.40
The low social skill level	31 – 40	17	3.40

**Table 9:** The social skill level of the sample which are separated according to the gender and the faculty that the sample are studying in (n = 500)

The social skill level		The score level	The number (The person)	Percentage
Male (n=165)	The high social skill	51 – 60	35	21.20
	The medium social skill	41 – 50	119	72.10
	The low social skill	31 – 40	11	6.70
Female (n=335)	The high social skill	51 – 60	151	45.10
	The medium social skill	41 – 50	178	53.10
	The low social skill	31 – 40	6	1.80
Science – Technology (n=190)	The high social skill	51 – 60	66	34.70
	The medium social skill	41 – 50	116	61.10
	The low social skill	31 – 40	8	4.20
Science - Health (n=97)	The high social skill	51 – 60	38	39.20
	The medium social skill	41 – 50	58	59.80
	The low social skill	31 – 40	1	1.00
Human – Society (n=213)	The high social skill	51 – 60	82	38.50
	The medium social skill	41 – 50	123	57.70
	The low social skill	31 – 40	8	3.80

**Table 10:** The social skill level of the sample which are separated according to the addiction level of the internet (n = 500)

The addiction level of the internet	The social skill level	The score level	The number (The person)	Percentage
None level (n=78)	The high social skill	51 – 60	42	53.8
	The medium social skill	41 – 50	35	44.90
	The low social skill	31 – 40	1	1.30
Mild level (n=251)	The high social skill	51 – 60	98	39.00
	The medium social skill	41 – 50	150	59.80
	The low social skill	31 – 40	3	1.20
Moderate level (n=166)	The high social skill	51 – 60	46	27.40
	The medium social skill	41 – 50	109	64.90
	The low social skill	31 – 40	13	7.70
Severe level (n=3)	The high social skill	51 – 60	0	0.00
	The medium social skill	41 – 50	3	100.00
	The low social skill	31 – 40	0	0.000

**Table 11:** The correlation coefficient between the behavior of using the internet and the social skill (n= 500)

Factor	The using of the internet	The social skill	The social skill in the capacity in communicating and interacting	The social skill in the capacity in working as a group
The using of the internet	1			
The social skill	-.320**	1		
The social skill in the capacity in communicating and interacting	-.234**	.810**	1	
The social skill in the capacity in working as a group	-.289**	.861**	.411**	1

\*\* p < .01

From Table 11, this has shown the correlation coefficient of the information by this has reported the relationship of the variable as follows;

1. The behavior of using the internet with the social skill which has the negative relationship in the low level. This will have the correlation coefficient that is equal to -.320. By this has the statistical significance at the level of 0.01.

2. The behavior of using the internet with the social skill in the capacity in communicating and interacting which has the negative relationship in the low level. This will have the correlation coefficient that is equal to -.234. By this has the statistical significance at the level of 0.01.

3. The behavior of using the internet with the social skill in the capacity in working as a group which has the negative relationship in the low level. This will have the correlation coefficient that is equal to -.289. By this has the statistical significance at the level of 0.01.



## V. CONCLUSION DISCUSSION AND RECOMMENDATION

There is the study of the relationship between the behavior of using the internet and the social skill of 500 of 1<sup>st</sup> year students that have lived in the dormitory of Chiang Mai University with the evaluating form of using the internet and the evaluating form of the social skill. This can separate to be Male for 165 persons and Female for 335 persons. By the sample will have ages from 19 to 21 years. 203 persons are studying in the faculty of Humanities and Social Science. 190 persons are studying in the faculty of Science and Technology and 97 persons are studying in the faculty of Health Science. Most of them will use the internet via using of smartphone. Second, they will use Notebook Computer. For 3 first aspect of activities that will use the internet most are; the use of Facebook/Twitter, the use of YouTube and the use of Searching (Google) respectively. Mostly, they will use it for the entertainment / the recreation, communicating with the friend group. They will use the time to play the internet per day at the average time of 7.23 hours. For the behavior in using the internet of the sample, they will addict to the internet in a few level (Table 3). Most of Male will addict to the internet in the medium level and most of female will addict to the internet in a few level (Table 4). For the social skill of the sample, most of them will have the medium social skill level (Table 8). And this has no difference of the social skill of Male and Female which is in the medium level (Table 9). For the sample who aren't addicted to the internet, most of them will have the high social skill. For the sample who are addicted to the internet in a few level, the medium level and the severe level, they will have the social skill in the medium level (Table 10). For studying of the relationship between the behavior of using the internet and the social skill, this can discuss the studied result as follows;

For the behavior of using the internet of the sample, this will start from the beginning level of addicting the internet in a few level (22-24) until to the addiction level of the internet in the severe level. This will have the number of 422 persons from the number of the sample of 500 persons. This can be calculated to be 84.40%. This is held to be the large number of persons who have addicted to the internet and this has the average in using the internet per day for 7.23 hours. This will use the time nearly to 1 in 3 of the number of hours in one day. This will conform to the study of (25). This is found that the sample will use the online social network in each day for the average of 7.30 hours per day. And the information of Electronic Transactions Development Agency (ETDA), (Public Organization), Ministry of Digital Economy and Society (26) has surveyed that the behavior of users of the internet in the year of 2017, this is found that the highest group who have used the internet per day will be persons who have ages from 17 to 36 years (8, 9, 13, 22, 27-31). They will use the internet at the average time of 7.12 hours per day in the day of studying in the classroom and they will have use the internet more to 7.36 hours per day in the holiday period. For the aspect of most activities in using the internet, this will be the use of Facebook/Twitter which will conform to the study of (13, 22, 25) This is found that the sample of the teenager will use the online social network most in the category of Facebook as No.1. From this study, this is found that smartphone is the most tool that will access to the use of the internet. From the service of the Office of Information Technology Service, Chiang Mai University, this will have the determination of using the JumboPlus internet network. By this will enter to the system with CMU IT Account which 1<sup>st</sup> year students of Chiang Mai University will get the account for accessing to the JumboPlus internet network, students can access to use it most for 5 tools per 1 account (32), this is accompanied with 1<sup>st</sup> year students who have lived in the student dormitory, they can access to the Jumbo Plus internet network in other areas of the student dormitory and they will be able to use in other areas of Chiang Mai University easily. This will give the effect on the behavior level of using the internet of the sample. This can see according to the principle of the occupational therapist, Person Environment Occupation Performance (PEOP) that the environment component will be the important component which will make to create the use of the internet of students due to this can access to the use of the internet in every area of the university in the part of the student dormitory. The environment will facilitate to create activity or have the fast convenience (11).

By the component of the person will make to create the behavior of using the internet of each person. This will depend on the requirement, the interest in the usability, the giving of the interest in the usability. The component of the person will make each person in the sample to have the different behavior in using the internet. For the behavior of using the internet of the sample, they will addict to use the internet for a few level. Most of Male will addict to use the internet in the medium level and most of Female will addict to use the internet in a few level. This can see that Male will addict to the internet more than Female. This will match with the research of (33). This is found that the gender will be the most one variable that can predict the behavior of addicting to the internet clearly. By this can see from the proportion of persons who have addicted to use the internet. Male will have the higher proportion than Female. And the research result in this time is found that most of the sample will use the internet for the entertainment / the recreation, communicating with the friend group. This will conform to the research of (34). This is found that for the person who have addicted to internet, that person will use the service and the benefit from the internet for responding the requirement in the emotion, the society and the mind more than using the internet for the relaxation and the recreation. By that person will give the importance with the activity that will focus on the entertainment to respond to the requirement in the emotion, the mind and the society more. For the reason that the teenager has used the internet more, this can explain that from the development according to the last teenage period that is the age that would like to search for the social status for oneself. He wants himself to be well-known as the position of one person. By he will try to perform according to the standard and the social rule. He is in the age that would like to have the freedom. By he will feel that he is the adult. He will have the confusion, the irritability, the worry, the upset. He will show his emotion in the violent way. He will have the worry to face with a new expectation of the society or even though from his parent in having more social activities also. The internet will enter to have the role as the media to make the teenager to show the emotion, the idea, the searching for the relaxation from using the internet. He will search his identity for the thing that he wants. And there is using of the internet more with the social skill of this sample, most of them will have the medium social skill. For the sample who haven't addicted to the internet, most of them will have the high social skill. For the sample who have addicted to the internet for a few level, the medium level and the severe level, they will have the medium social skill. This may relate to the information of (35). This can say that the consumer behavior of the internet for each person, this will be the action for fulfilling the requirement of the human and this will help to compensate for the requirement that is lacked from the person. There is the requirement to be the one part of the society. The person wants to contact between each other. There is the participation, the feeling as one part. The internet will help to let the person to be one part in the satisfied society. When the person is pressured from the real society. That person will feel very terrible. The internet will be able to help to create the satisfactory. This will make him to stay together in the online society. This teenager will use the internet for searching the requirement in the society related to himself. This will develop the social development of this teenager that will build the relationship or the capacity in adapting himself with other persons and the environment. This will develop the social development of the teenager that is the result of learning, obtaining the experience from the childhood. By this will show the social development of the teenager in this period. The teenager will give the importance with the friend group more. This will be needed to have the good relationship between friends. For the sample who have lived in the student dormitory of the university, they will have the opportunity to live with others. By they will have friends in the same faculty or friends in the different faculty and their roommates. There is needed that the sample will have to adapt and accept to live with others in the dormitory. This will conform to the objective of the student dormitory of Chiang Mai University that is established to be the mechanism in developing students to have the life-time learning experience. They will have the life skill and the social skill. They will have the conscious in sharing, taking care of and helping each other. They will be able to live together with others happily via the activity and the process that the student dormitory. This will make to let the social skill of the most of the sample will be in the medium level.

For the relationship between the behavior of using the internet and the social skill, the behavior of using the internet with the social skill will have the negative relationship in the low level. This will conform to the studied result of Mami and (36). This is found that the higher score in addicting to the internet, this will relate to the lower social skill. This can show that the unlimited use of the internet will have the negative influence on the social skill and the communication. For this study, this will show to see the relationship between the behavior of using the internet with the social skill in the capacity in communicating and interacting. There is the negative relationship which will conform to the studied result of Orlando, (37). This is found that in the teenager, there is the relationship between the addiction to the internet with the low social skill. For the part of that communication, this will have the statistical significance. Besides, this study is found that the behavior of using the internet with the social skill in the capacity in working as a group will have the negative relationship by this will conform to (38). This is found that for the person who has addicted to the internet, that person is loneliness and have the lower self-esteem and he will have the lower social skill than the person who hasn't addicted to the internet. This will give the effect on the capacity in working as a group between each person and Torrente, Piqueras, Orgilés, & Espada (39) has shown that the teenager who have the high score in using the internet will have the relationship with the higher score in the problem of the worry in the society and the difficulty in the social skill. Besides, the relationship of the behavior of addicting to the internet, this will show the positive significance with the level of the worry in the society and the lack of the social skill also. From this study, the behavior of using the internet with the social skill will have the negative relationship. This will relate in the low level. This may be created from other factors which will give the effect on this study. For the evaluating form of the social skill that is used in this study, this is the evaluating form of the social skill that is seen in the component of the social skill for only 2 sides that is the capacity in communicating and interacting and the capacity in the working as a group. For the social skill, this is the skill that is consist of other social skill. This will make this study not to cope other social skill accompanied with the use of the internet. Mostly, this will be used in communicating with friends. This will make the relationship between the behavior of using the internet with the social skill which will have the negative relationship in the low level. For another one factor that will give the effect on the relationship level, this may be created from the nature of the teenager who has given the importance with friends and the friend group very much. For both friends in the same gender and the different gender, the joining of the group of the teenager, this will help the teenager to have the opportunity to be oneself fully. He will have the opportunity to show the opinion. He will show the capacity freely and the friend group can help to build the confidence for the teenager together quite well. The joining of the group of the teenager will be the requirement that is acceptable and praised. This will contribute the stability in the mind of the teenager. Besides, for the nature of the teenager, the teenager will require the enjoyment. Most of the teenager will require to search for the enjoyment, talking for exchanging the opinion, the hope and the dream and the teenager will require to develop the social skill. The friend group can give the opportunity for the teenager in developing the social skill quite well. Because for the learning and the practice to each other between the friend group, this will make the social skill level of the sample to have the low level of the relationship with the behavior of using the internet. Besides, this will depend on the environment factor of the studied sample. Due to being 1<sup>st</sup> year students who have lived in the student dormitory of Chiang Mai University, this has the development in the social skill in other sides via doing activities together of students for both activities that are set by the student dormitory, activities of the faculty that students are studying in and activities that are happened by the university. This will make most of the level of the social skill of students will be in the medium level and this will relate to

the behavior of using the internet in the low level. Besides of above aforementioned external factors, this may be the internal factor in the sample which will give the effect on the behavior of using the internet and the social skill.

For the social skill, this is the capacity in building the interaction and living together with other persons in the society. This will be developed by the learning of the person via other experiences in the past time, this will make the person to be able to adapt or learn the needed social skill and this will bring to adapt in living together with friends in the dormitory or friends in the faculty. This will make to have the relationship level in the low level with the use of the internet.

For the behavior of using the internet of the student, this will relate with the social skill of the student. For the way that the person has the addiction level of the internet higher, this will give the effect to let that person to have the lower social skill. That is if this has let that person to use the internet more, this will use the time period unsuitably and this will give the effect on the social skill of the student. This will relate with the capacity in communicating and interacting. This may give the effect on communicating and interacting of the person and living with others and this may give the effect on the capacity in working as a group. But for this study, this is found that the behavior in using the internet with the social skill will have the relationship in the low level. This may have other factors or other variables which will have the relationship with the social skill more than the behavior of using the internet for studying and contributing the social skill of the student of Chiang Mai University further.

#### **The recommendation from the research results**

1. For this study, this has shown to see that most of the sample have used the internet in the level that has started to addict it very much. This can use the benefit from the internet for being the medium or the tool in managing the teaching via the internet system for the student to have the form of the communication between students and instructors. This may use the form of the study in the live feed via the online system to have the interaction between students and instructors for contributing the social skill including using the internet together.

2. For this study, this has shown to see the social skill of students that can contribute the setting of activities for letting students to participate in the society. There is the activity to contribute the social skill, the communication and the working as a group. This may set the activity at the student dormitory or the faculty or the student club for letting students to have the opportunity to do activities together.

3. For this study, this has shown to see the time period that the sample have used the internet and the objective of using the internet. This can contribute the use of the internet for studying more. There is setting of the activity for teaching, the online lesson, the self-searching, the job burden and the homework via the internet system for contributing the use of the internet for the benefit in the study in the current world.

#### **The recommendation in the future research**

1. For this study, I have studied about the relationship between the behavior of using the internet and the social skill in the quantitative form for seeing the relationship of the behavior of using the internet and the social skill. This may have the study in the quantitative form for seeing the form and the detail of the relationship more clearly.

2. For this study, there is using of the tool that is the evaluating form of the social skill that has evaluated the social skill in the capacity in the communication and the interaction and the social skill in the capacity in working as a group only. This may use the evaluating form of other social skill that will cope with various social skill in other sides.

3. For this study, this will study about the relationship between the behavior of using the internet and the social skill. For the research in the next time, this may have to study other variables which will have the relationship with the social skill for being the guideline for developing the social skill further.

## REFERENCES

1. Kaewkangwan S. Lifespan human development psychology: Adolescents - Elderly. Bangkok.: Thammasat University Press.; 2010.
2. Ahn D. Korean policy on treatment and rehabilitation for adolescents' Internet. International Symposium on the Counseling and Treatment of Youth Internet Addiction; Seoul, National Youth Commission 2007. p. 49.
3. Cao F, Su L. Internet addiction among Chinese adolescents: prevalence and psychological features. 2007;33(3):275-81.
4. Charoenwanit S, Sumneangsator T. Predictors of Game Addiction in Children and Adolescents. Thammasat Review. 2014;17(1):150-66.
5. Hale L, Kirschen GW, LeBourgeois MK, Gradisar M, Garrison MM, Montgomery-Downs H, et al. Youth Screen Media Habits and Sleep: Sleep-Friendly Screen Behavior Recommendations for Clinicians, Educators, and Parents. Child and adolescent psychiatric clinics of North America. 2018;27(2):229-45.
6. Koo HJ, Kwon JH. Risk and protective factors of internet addiction: a meta-analysis of empirical studies in Korea. Yonsei medical journal. 2014;55(6):1691-711.
7. Lee H, Kim JW, Choi TY. Risk Factors for Smartphone Addiction in Korean Adolescents: Smartphone Use Patterns. Journal of Korean medical science. 2017;32(10):1674-9.
8. AJ VANR, Kuss DJ, Griffiths MD, Shorter GW, Schoenmakers MT, D VDM. The (co-)occurrence of problematic video gaming, substance use, and psychosocial problems in adolescents. Journal of behavioral addictions. 2014;3(3):157-65.
9. Brand M, Laier C, Young KS. Internet addiction: coping styles, expectancies, and treatment implications. Frontiers in psychology. 2014;5:1256.
10. Rattanapun. C. Social Skill 2014. [Available from: [http://jareeluk.blogspot.com/2014/09/blog-post\\_27.html](http://jareeluk.blogspot.com/2014/09/blog-post_27.html). .
11. Charles H. Christiansen CMB. Occupational Therapy: performance, participation, and well-being. . ed. r, editor. Thorofare, NJ: SLACK Incorporated.; 2005.
12. Block JJ. Issues for DSM-V: internet addiction. The American journal of psychiatry. 2008;165(3):306-7.
13. Anand N, Jain PA, Prabhu S, Thomas C, Bhat A, Prathyusha PV, et al. Internet Use Patterns, Internet Addiction, and Psychological Distress Among Engineering University Students: A Study from India. Indian journal of psychological medicine. 2018;40(5):458-67.
14. China, India now world's largest Internet markets [Internet]. 2016 [cited ]. Available from: <https://www.itu.int/en/mediacentre/Pages/2016-PR35.aspx>.
15. Young K. Internet addiction over the decade: a personal look back. World psychiatry : official journal of the World Psychiatric Association (WPA). 2010;9(2):91.
16. Young K. Understanding online gaming addiction and treatment issues for adolescents. American Journal of Family Therapy. 2009;37(5):355-72.
17. Young KS. The evolution of Internet addiction. Addictive behaviors. 2017;64:229-30.
18. Young KS. Internet addiction: The emergence of a new clinical disorder. CyberPsychology & Behavior. 1998;1(3):237-44.
19. Young KS. Internet addiction: Symptoms, evaluation, and treatment innovations in clinical practice FL: Professional Resource Press.; 1999.
20. Internet Addiction Test (IAT) [Internet]. 1998 [cited September 20, 2020.]. Available from: <http://netaddiction.com/internet-addiction-test/>.
21. Suriyayothin. J. The effect of collaborative learning activities provision via internet by using reflective writing through social media on social skills of high school students. Bangkok: Silpakorn University 2011.
22. Anand N, Thomas C, Jain PA, Bhat A, Thomas C, Prathyusha PV, et al. Internet use behaviors, internet addiction and psychological distress among medical college students: A multi centre study from South India. Asian journal of psychiatry. 2018;37:71-7.
23. Chupradit S, Kaewmamuang N, Kienngam N, Chupradit PW. Prevalence and Correlates between Game Addiction and Stress of Adolescents in Chiang Mai, Thailand. Indian J Public Health Res Dev 2019;10:1091-6.
24. Chia DXY, Ng CWL, Kandasami G, Seow MYL, Choo CC, Chew PKH, et al. Prevalence of Internet Addiction and Gaming Disorders in Southeast Asia: A Meta-Analysis. 2020;17(7):2582.

25. Laempetch S. Behavior and impact bahavior and impact of using social network of secondary school students in Nonthaburi province. *Suthiparithat Journal*. 2016;30(93):116-30.
26. Wayuphap S. Transactions Development Agency (ETDA), (Public Organization), Ministry of Digital Economy and Society report "Thailand Internet User Profile 2017" 2017 [Available from: <https://www.etda.or.th/content/thailand-internet-user-profile-2017-and-value-of-e-commerce-survey-in-thailand-2017l-press-conference.html>.
27. Anand N, Jain PA, Prabhu S, Thomas C, Bhat A, Prathyusha PV, et al. Prevalence of excessive internet use and its association with psychological distress among university students in South India. *Industrial psychiatry journal*. 2018;27(1):131-40.
28. Cha SS, Seo BK. Smartphone use and smartphone addiction in middle school students in Korea: Prevalence, social networking service, and game use. *Health psychology open*. 2018;5(1):2055102918755046.
29. Chen KH, Oliffe JL, Kelly MT. Internet Gaming Disorder: An Emergent Health Issue for Men. *American journal of men's health*. 2018;12(4):1151-9.
30. Gentile DA, Bailey K, Bavelier D, Brockmyer JF, Cash H, Coyne SM, et al. Internet Gaming Disorder in Children and Adolescents. *Pediatrics*. 2017;140(Suppl 2):S81-s5.
31. Jorgenson AG, Hsiao RC, Yen CF. Internet Addiction and Other Behavioral Addictions. *Child and adolescent psychiatric clinics of North America*. 2016;25(3):509-20.
32. Office of Information Technology Service CMU. Internet Network CMU Jumbo Plus 2018 [Available from: <https://jumbo.cmu.ac.th/>.
33. Buthprom C. Factors affecting Internet addiction behavior of adolescence in Bangkok: Chulalongkorn University; 2002.
34. Makasiranont T. Internet addicting behavior and factors relating to internet addictions of users in Thailand.: Chulalongkorn University; 2002
35. Kongrach P. Study of teenagers' behaviors in using social networking sites (SNSs) in Thailand : a case study of Facebook.: Thammasat University; 2011
36. Mami S, Hatami-Zad A, editors. Investigating the effect of Internet Addiction on Social Skills and in High School Students ' Achievement2014.
37. Zegarra Zamalloa CO, Cuba Fuentes MS. Frequency of Internet addiction and development of social skills in adolescents in an urban area of Lima. *Medwave*. 2017;17(1):e6857.
38. Ghassemzadeh L, Shahraray M, Moradi A. Prevalence of internet addiction and comparison of internet addicts and non-addicts in Iranian high schools. *Cyberpsychology & behavior : the impact of the Internet, multimedia and virtual reality on behavior and society*. 2008;11(6):731-3.
39. Torrente P, Orgilés, & Espada., . Association of Internet addiction with social anxiety and lack of social skills in Spanish adolescents. . *Terapia Psicológica*. 2014;32:175-84.