

Questionnaire Survey and Analysis of Mobile Phone Network's Effects on Study and Life of College Students

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Abstract. With the rapid development of the Internet, network's effects, especially mobile network's effects on study and life of college students are increasingly valued. Through the way of the questionnaire survey and analysis, learn effects on college students from use time of mobile network, time for study, network's efficiency sense, network hot spot, network integrity etc. The result shows that the mobile network has advantageous and disadvantageous effects on study and life of college students. Only guiding them to use mobile network reasonably and scientifically can promote their healthy growth.

Keywords: mobile network, college students, effects.

1. Introduction

Statistical Report on Internet Development in China published in July 2014, shows that up to June 2014, net citizen of mobile phone in China had reached 527 million, which increased by 26.99 million compared with the end of 2013. The proportion of net citizen of mobile phone further promoted from 81.0% of 2013 to 83.4%. The scale of mobile net citizen firstly exceeded the scale of traditional PC net citizen, in which net citizens between 20 and 29 years old accounted for 30.7%; the students above college degree were a mainstream with the proportion of 20.5%. [1] With the popularization of Internet, network takes an increasingly important role in study and life of college students. Mobile network has a significant impact on mentality of college students and social development, which draws more and more attention of researchers. Many Chinese and overseas scholars design scales or questionnaires to measure, assess and survey this phenomena. Among them, the widely used methods by scholars are Young's Measuring Tool for Internet Addiction; [2] Beard's "5+3" standard of diagnosis [3], 7 standards of diagnosis of "Internet Ad-diction Disorder" proposed by Goldberg; [4] Davis Online Cognition Scale (DOCS for short) made by Davis; [5] Chinese Internet Addiction Scale made by professor Chen Zhuhai of school of Psychology in Taiwan University of China sampled as college students; [6] Internet Addiction Questionnaire made by Cui Lijuan etc. scholars of Chinese mainland by adapting Angove's method; [7] Adolescent Pathological Internet Use Scale made by Lei Li etc. based on measuring methods of previous scholars [8] etc. Therefore, researching the reason of these problems has positive reality significance to clear mobile network learning disorders of college students, improve network resource utilization, cultivate autonomous learning ability of students, make use of network resources more effectively, and improve autonomous study efficiency on network of college students etc.

The obtained data through questionnaire survey to college students of all grades and analysis for network life of college students according to statistical data will provide certain significant reference value for follow-up system.

2. Respondent and Method

2.1 Respondent.

To learn systematically and roundly current mobile network's effects on study and life of college students, take college students as objects, involve majors of science, engineering, the science of law, arts etc., which has certain pertinence and reference.

2.2 Method.

According to the results of research and survey, there are 7 questions to be prepared in the questionnaire, including not only survey of network use behaviors of college students, but also survey of college students' habit and policy management, which has certain integrity. The survey focuses on mainly all grades of colleges, during which 600 questionnaires are given out, and 562 papers are returned. There are 540 valid questionnaires and the valid returned rate is 90%.

3. Survey and Analysis of Mobile Phone Network's Effects on Study and Life of College Students

3.1 Use the Mobile Internet with Long Time; Short Time and Poor Efficiency of Study Time.

Firstly, it is not hard to find out from the survey that most students spend average 2-6 hours on the Internet every day, which shows that it takes college students more time on the Internet. In terms of different grades, the rate controlling the everyday time on the Internet in an hour from freshman to senior is gradually decreasing, which fully explains the Internet use time are increased as their learn in-depth, which is shown as figure 1 and figure 2.

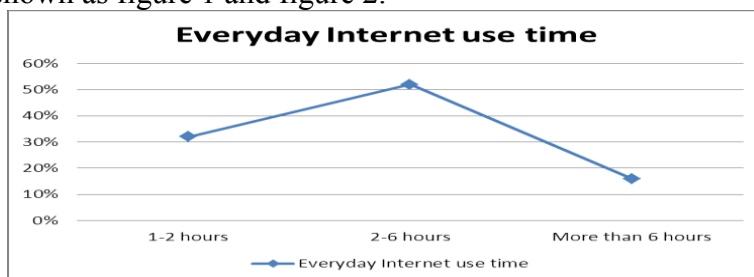


Fig. 1 Everyday Internet use time of college students

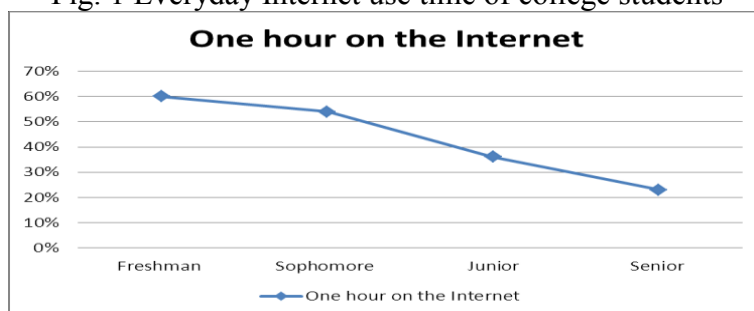


Fig. 2 The rate of spending an hour on the Internet of all grades

3.2 Short Time on Study during Mobile Internet Time.

Among college students accepting survey, which is shown as figure 3. the main purposes for mobile Internet are chatting on the Internet and browsing information, respectively accounting for 38% and 29%; looking up materials ranks the third, accounting for 20%; and the last one is entertainment, accounting for 9%. It can be seen that although college students spend most time on communication on the Internet and information browse, there are few students to make use of Internet to study. Therefore, about survey result, how to increase students' actual learning time on the Internet to further enrich and perfect beneficial study resources on the Internet, and improve study efficiency is a realistic question placing before society and colleges.

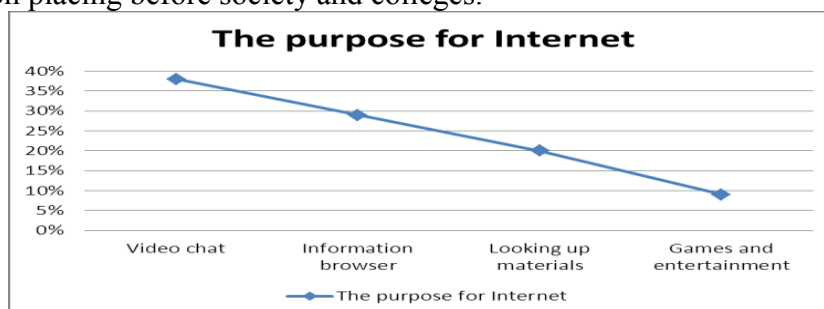


Fig. 3 The purpose for mobile Internet of college students

Mobile Network’s Effect on Intercourse. About “Do you think mobile Internet affect your normal intercourse?” its change of data statistics is stable, and the rate choosing “great influence” remains basically 20%. Observing from mobile Internet effects on study and life of college students, the result (table 4) shows that mobile Internet effects on study and life of college students does more good than harm with no influence on social ability of college students. Therefore, the existence of mobile network will not change the normal intercourse among people. On the contrary, using Internet reasonably can further widen external exchange and communication ways of college students, enhance their characters discipline and cultivate healthy characters.

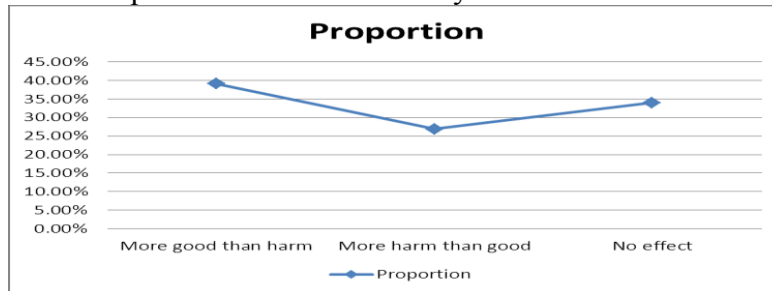


Fig. 4 The rate of mobile network’s effects on study and life of college students

Positive Side of Mobile Network’s Efficiency Sense. During the survey, the proportion of college students considering network as the “positive side” exceeds 89%, while among the students considering network as the “negative side”, more than 50% students spend 2 hours on online games, which shows numerous students addicting in games are aware of their own conditions. About the question of “Do you often write with pen except necessary tasks?” its response also reflects some research results. The survey data shows that more than 70% of college students choose “hardly writing”. It follows that the keyboard age has an obvious and far-reaching influence on change of handwriting culture.

Weak Credit Consciousness of Mobile Network. Due to virtualization of mobile network itself, everyone can log in the Internet with false identity which leads that it is hard to constrain the network subjects, therefore causes the weak credit consciousness of college students. The survey shows (fig. 5) that most students normal concern about Internet credit; only 30% of college students choose no credit under any circumstance.

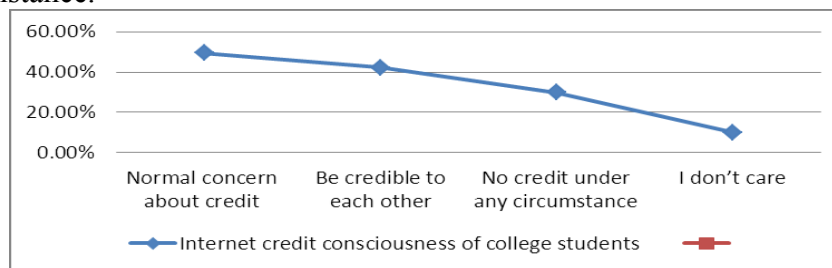


Fig. 5 Internet credit consciousness of college students

The Survey to Concern the Network Hot Problems of College Students. The data shows that college students pay the most attention to social questions, which indicates that students care about current affairs, understand policy and wish know more about social and political issues through the Internet, and have stronger sense of responsibility and clear direction of future development.

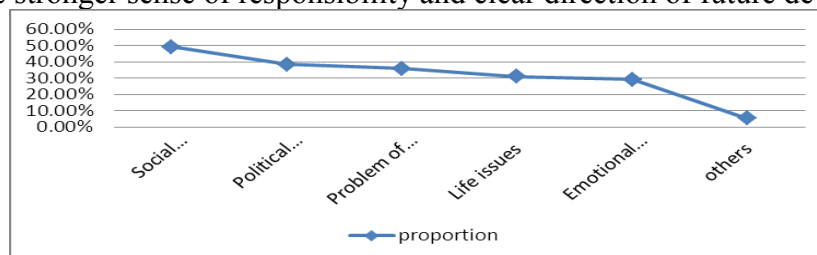


Fig. 6 College students’ concerning about network hot problems

4. Conclusion

As information technology is developing, various mobile Internet activities and network application are widely used. Mobile Network has changed study and communication way of college students, in the meantime, inevitably causes negative effects. [9] Only deep understanding current Internet situation of college students, careful researching Internet's effects on characteristics of behavior and physical and psychological health, and guiding them to use the Internet reasonably and scientifically can promote healthy development of young college students.

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