

# Research On the English Online Learning Community Based on SNS

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**Abstract.** In today's world, interpersonal communication and communication between countries become more frequently. And English has become the most widely used language, thus learning English well is very important in today's society. People try to use network learning community to promote English learning in school. Online learning communities create the environment across time and geography for people to learn English. But a lot of online learning community has problems in knowledge sharing, the authenticity of the member interaction, and the formation of community culture and community members of the community's identity sense. The advantage of the SNS is right here, it can provide support for network learning community in these areas.

## Introduction of online learning community and related theory of SNS.

### The definition of online learning community

With the rapid development of computer network and information technology, the network learning community comes up in this environment at the historic moment, which meets the needs of the people's learning and can facilitate communication between members of the community information and exchange emotions." Network Community " has the following several names: "Electronic Community", "Online Community" and "Virtual Community".

Online learning community not only provides simple information sharing, more important is its ability to research on the problems and solve the problems through online discussion, and to complete the reconstruction of knowledge and innovation. Online learning community lies in the exploration and development in the information society in order to achieve modern distance education by using the modern education technology and build a new student online learning and teaching mode fully reflecting the personalized characteristic. This learning mode meets the requirements of democracy and equality in the modern social education, and meets the need of lifelong learning in modern society, and it is the integration of information technology and courses to the deep development of the product.

"Online community" specifically has the following several factors and characteristics: a certain amount of people who have a frequent and lasting interaction in the network space; network communication tools or software system for enough people to make synchronous or asynchronous interaction.

Foreign scholars definite the network learning community in the table 1:

Table 1: different definitions of foreign scholars on online learning community

scholars	Opinions
Rheingold	Network learning community is the social aggregation of people sharing their interests and hobbies
Hilts&Wellman	Network classroom is both a teaching team for students and teachers to achieve goals and a community for students to exchange their moods, feelings, information, finding support and sense of belonging
Russell	Network learning community is an organization using some methods to coordinate its members in learning perspective

### The introduction of SNS

SNS has three meanings: Social Networking Services, specifically designed to help people build Social Network of Internet application Services; Social Network Site; SNS also refers to the Social

Network Software, which adopts the P2P technology to build the next generation Network based on individual network Software. Widely accepted definition is of Boyd and Ellison: SNS is a network service, and the service allows users to construct a public or semi-public space on a restricted system, explicitly listed links the user list in space. And in this system, users can view their links and associated user link. The following chart 1 is the transmission mode of the network learning community.

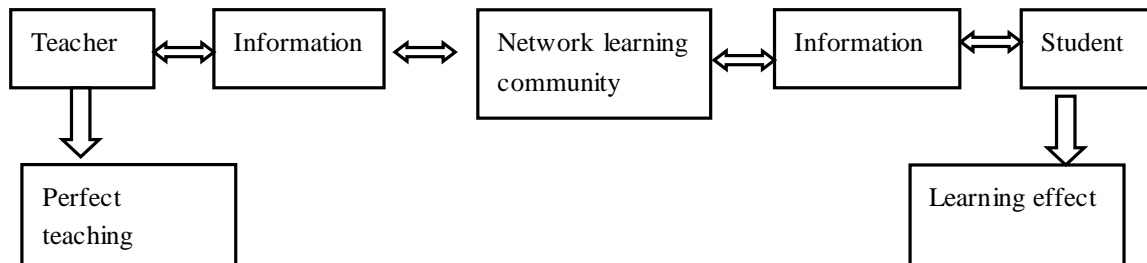


Chart 1: the information transmission mode of network learning community

## Network learning community based on SNS

### The characteristics of network learning community based on SNS

#### (1) Social and authenticity

At present, most of the SNS site use the "real-name system". Registering in this type of site, users need to fill out the real personal information and the authenticity of information make it is rooted in the reality of social relations in the social networks. The truth also allows the user to improve web site credibility.

#### (2) the user can control the voice and build mutual trust

Subjectivity in the SNS is more outstanding, has much voice control, this can make the user has identity and sense of belonging. Virtual world relationship needs people to bear great interpersonal communication cost and risk, making it difficult to establish a good mutual trust relationship between users.

#### (3) The emphasis on user's experience and personalization

Users can choose their own wanted information through self-selection from in the SNS. And they can also participate in the communication and interaction of information through releasing information or discussions at any time.

#### (4) Information sharing is more convenient

SNS is based on the relationship between person and person, making information sharing easier and more natural. The amount and type of network information resources it support is comparable for other online learning platform.

### The advantages of online learning community based on SNS

The advantages of online learning community are as follows: first, social and authenticity of the SNS make learners establish the real social relations; second, the SNS can make the network learning community pay more attention to users' experience and personalization; third, the SNS makes learners in-depth communication more convenient, control the voice and build mutual trust; forth, the SNS can better support members of the emotional experience; fifth, the SNS provide a wide range of online learning tools; finally, SNS provides convenient creating group function.

Table 2: learning time of students used on the internet

Total time for online learning	Quantity	Percentage
No time	118	37.1
Less than an hour	124	39.0
1-3 hours	64	20.1
More than 3 hours	12	3.8

**The model of English online learning based on SNS**

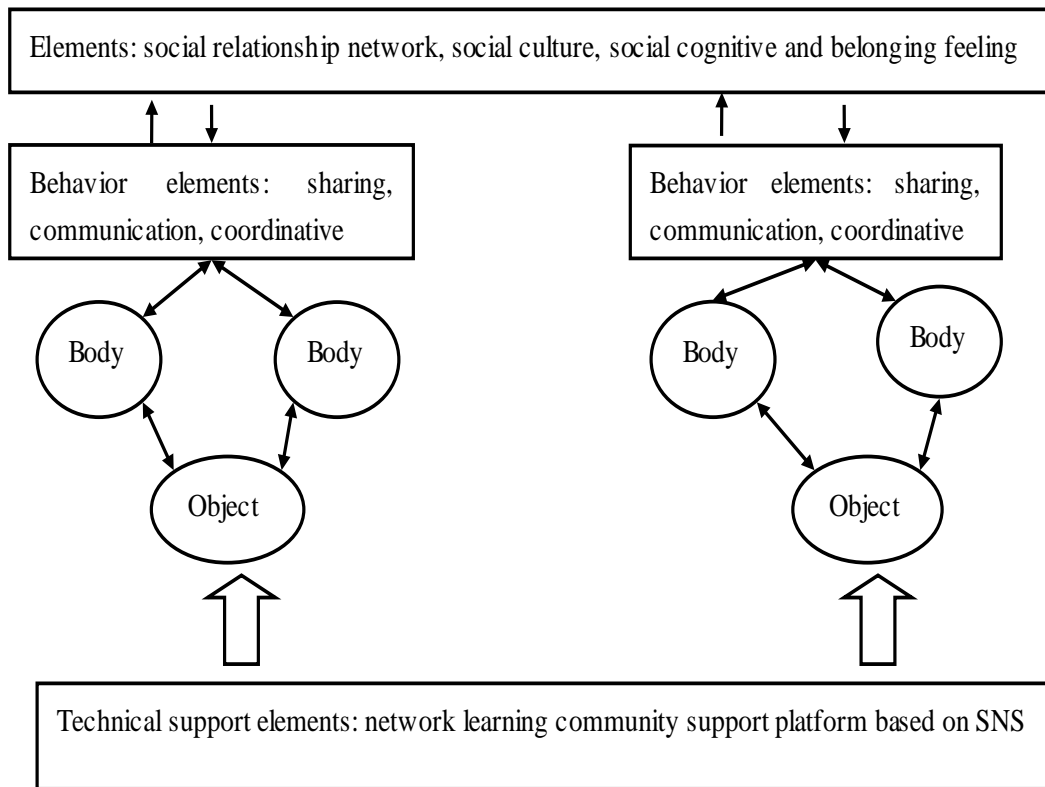


Chart 2: model of network learning community platform based on SNS

$$\text{Density} = \frac{\sum_{i=1}^n \sum_{j=1}^N Z_{ij}}{N * N - N} \tag{1}$$

Any point in the network  $C_t$ , the central value is

$$C_t = \frac{\sum_{j=1}^N (Z_{ij} + Z_{ji})}{\sum_{i=1}^N \sum_{j=1}^N Z_{ij}} \tag{2}$$

The group medium formula is:

$$C_t = \frac{2 \sum i - 1 [C_B(n^*) - C_B(n_i)]}{[(g-1)^2 (g-2)]} \tag{3}$$

We can get the highest node is K22 through the calculation, and other 16 points don't have any medium point, so communication between users is still not enough.

## Summary

Online learning community not only provides simple information sharing, more important is the ability of learners to study and solve the problems through the online discussion train, and to complete the reconstruction of knowledge and innovation. It is a meaningful attempt to solve a series of education problems, is the product of science and technology and the combination of teaching theory, focusing on the development of network learning community has become the education technology is a new research topic.

## References

- [1] Schwier, R. A (2001). Catalysts, Emphases and Elements of Virtual Learning Communities: implications for Research and Practice[J]. The Quarterly Review of Distance Education, 2001, 2(1):5-18.
- [2] Piccoli, G , Ahmad. R. & Ives, B. (2001). Web—based Virtual Learning Environments: A Research Framework and A Preliminary Assessment of Effectiveness in Basic IT Skills Training[J]. MIS Quarterly, 2001, 25(4): 401-426.
- [3] Oren, A., Nachmias, R., Mioduser, D & Orlylahav(2000). Leamet—A Model for Virtual Learning Communities in the World Wide web[J]. International Journal of Educational Telecommunications, 2000, 6(2): 141—157.
- [4] Tu, C. & Corry, M. E- learning Communities[J].The Quarterly Review of Distance Education,2002,(2):207-218
- [5] Jones, Q. Virtual Communities, Virtual Settlements & Cyber-Archaeology: A Theoretical Outline[J].journal of Computer-Mediated Communication,1997,(3).