

RELATION BETWEEN SOCIAL-PSYCHOLOGY AND CLOUD COMPUTING

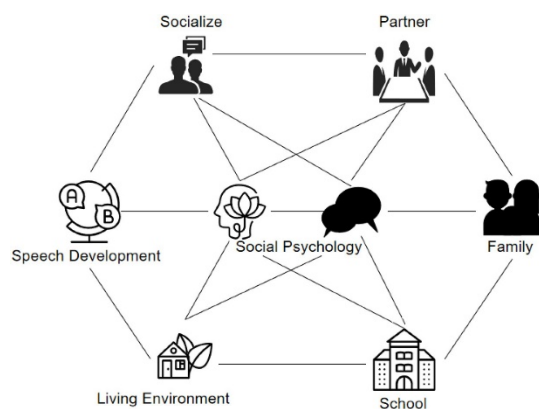
A research simplification by Rohan Upadhyaya

Abstract

With the maturation and rapid development of social psychology, considerable progress has been made in integrating it with other sciences. Social psychology has always been intended to have a diverse and heterogeneous research direction and disciplinary character. The rise of cloud computing technology, with the rapid expansion of the Internet, not only helps the orientation of psychological research, but also supports the birth and development of certain new psychological disciplines. As a result, the purpose of this article was to demonstrate the direction of social psychology and its present growth in the context of the cloud computing age.

Introduction

Over the last century, social psychology has gradually evolved into a new form of discipline. On the one hand, the novel discoveries created by social psychology via gradual integration with other disciplines of society are applied to every sector of society; on the other hand, social psychology development has halted due to its inherent limits. Cloud computing, as a new technology, can collect and integrate a significant quantity of social psychology study data using its current parallel computing and distributed computing capabilities. This not only accelerates the growth of social psychology research, but also saves a significant amount of time for persons conducting social psychology research. The theoretical investigation of interpersonal connections of the individual and social group levels from the perspective of cloud computing is referred to as cloud computing-based social psychology research. Figure 1 depicts the individual-level study topics of social psychology.



As seen in Figure 1, the substance of individual-level social psychology research in the cloud computing age includes: the process of individual socialization, interpersonal communication, partners and family members, living environment, and the influence of education on the individual's psychology.

Status Quo of Cloud Computing Psychological Service Platform

To further support social psychology research orientation and its current development, cloud computing technologies could be implemented to provide an information gathering platform for social psychology research orientation. A cloud computing-based mental health service platform, for example, can collect psychological research data from clients. And this cloud computing-based mental health service platform may gather and evaluate various data sources acquired by the terminal using cloud computing technology. Figure 2 depicts the design of the cloud-based mental health platform.

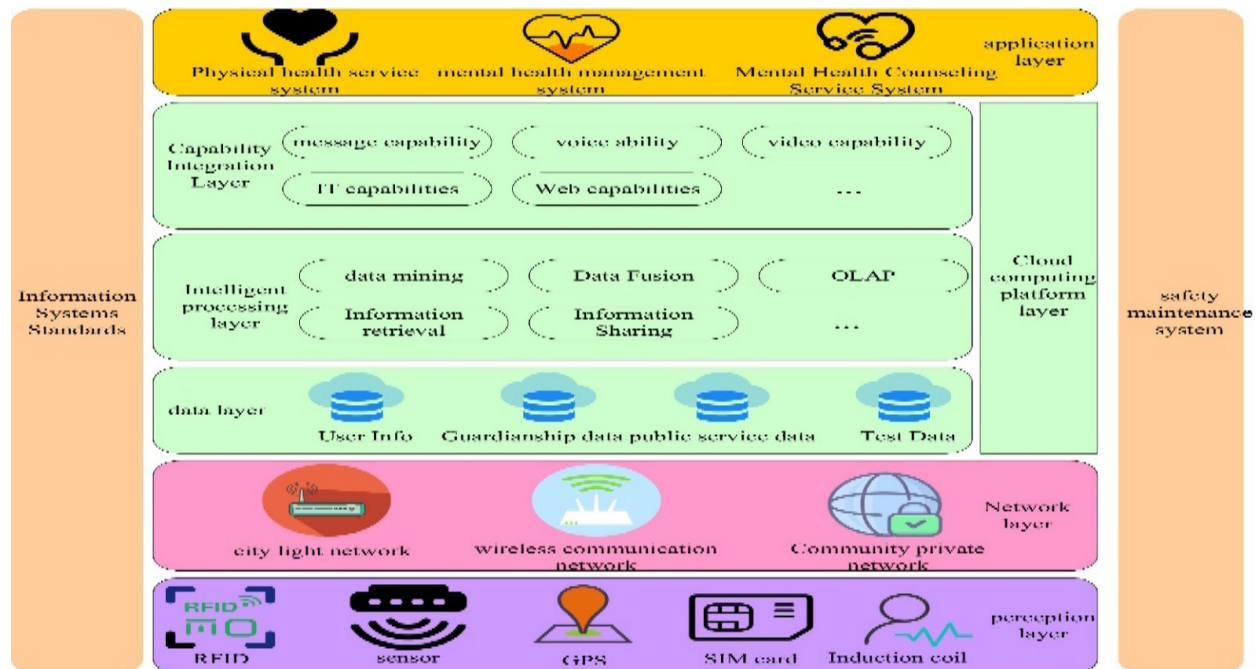
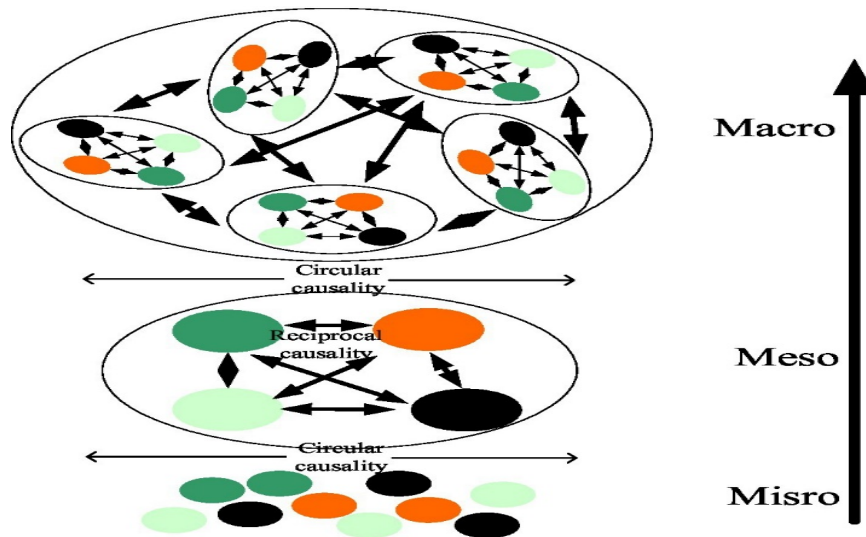


Figure 2 depicts the architecture's major components: a mental health database and a smart service platform. The mental health management system is based on heartbeat measurement and handles several elements of the user's mental health through instant messaging and personnel centers, with the goal of solving psychological disorders.

Psychodynamic View of Dynamical System Theory

The dynamic system based on social psychology reveals a causal link when compared to the classic development paradigm. In this perspective, development may be viewed as a dynamic system of continual change in which the system's components display an interaction connection with an uneven development. A non-linear connection is one that is inseparable, but merely superimposable, in which the relationship between parts is more significant than the components themselves, and so the system is restricted by the relationships between the elements rather than the components themselves. As seen in Figure 3, systems may be classified into two categories.



One is the interaction of components in the same process, as depicted in Figure 3. Different elements are tied to each other in this interaction, and it is impossible to tell which is the first and which is the last. Others have several degrees of interactions, such as cause and effect.

Conclusion

The use of cloud computing technologies in social science research and development can improve the efficacy of research methodologies in social psychology. This allows researchers to watch and record the psychological behavior of persons shown by researchers, as well as providing effective technological assistance to researchers. Many scientists from many areas have performed studies on the issue of social psychology since its inception. Social psychology is a complicated subject that has substantially advanced our knowledge of individual and group behavior development. Strengthening people's social, psychological conceptions is an important aspect of cultivating people's mental health, which is critical to personal growth.

References

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