IoT Research Methodology

Student’s Name

Institution

Date

**Research methodology**

The research methodology is a key component in conducting a research. It derives the techniques which were used by the researchers to complete the study (Srivastava, 2014). This study will be completed using quantitative and qualitative research methods. The qualitative research method is conducted using structured interview to engage or determine the perception of the interviewees. The structured interview would be able to help the research identify the appropriate site for the implementation of IoT. The purpose of the study is to establish perception of people regarding IoT and its impact to the society. Therefore, qualitative research method would be able to help in establishing the perception of people regarding the IoT.

In order to complete the research efficiently, the qualitative data will be analyzed using experimental, discourse and descriptive research design (Mingozzi, 2013). Discourse design plays the concept of literature review and case studies. And therefore, it will be applied to analyze the impact of IoT from various literature review and case studies. However, through the use of qualitative research method, interviews will be conducted and then analyzed to answer the research questions and variables. This would be done from source obtained from reliable databases like Google Scholar and EBSCO to ensure that all the literature used are authentic and most trusted and reliable materials.

For this reason, the specialists have advanced and created different methodologies dependent on computerized reasoning and AI. It will help the researchers to test various variables to determine the effect of the IoT (Donato, 2014). The application of qualitative research method will be helpful in establishing the perception of people towards the IoT, which is key objective of the study. With the utilization of man-made consciousness, the information base is created, and improved exponential dependent on the client experience and presentation designs.

# References

Donato, W. d. (2014). research methodology for . *https://www.researchgate.net/figure/The-research-methodology-adopted-in-this-work\_fig2\_287883657* , 2-14.

Mingozzi, E. (2013). Methodologies for the IoT. *Knowledge Acceleration and ICT* , 2-12.

Srivastava, S. (2014). IoT Needs Qualitative User Research. *Journal of Reserach and study science* , 2-15.