Future Trends for IRM

The problems which involve the use of information risk management include policy governed secure collaboration, understanding and accounting for human behavior, and security metrics driven SDLC. The rationale for these concerns requires the use of information risk management because they are critical to the extent that their intervention requires critical consideration of IRM (Willumsen et al., 2019). In addition, these issues will most likely affect systems/software in the future. In addition, these concerns are connected to how sensitive data is developed and stored to enhance security and avoid risks.

The main factor driving the development of the information management (IRM) field in the next five years is conducting information audits (Wangen et al., 2018). This trend is also regarded as the knowledge identity used to determine the current resources to project the future of given entities. In five years, it can help understand the importance and usage of the IRM in systems and software development (Bjerga et al. 2016). Moreover, it can incorporate what is already known to explain the risks certain information systems are exposed to, thus helping the users determine profound solutions.

In response to the issue, "How can we display risk information without misrepresenting what we know and do not know?" several strategies can be used. First, one can display risk information by prioritizing the risks. Similarly, the second strategy is communicating the relative risks with the concerned parties (Aven, 2016). Clear communication helps visualize the critical risks effectively, thus determining a profound

risk management approach (Wang and Hsu, 2009). In addition, the other way to display risk information is to be dynamic and data-rich to perceive the source of risk and identify better mitigation approaches.

References

- Aven, T., 2016. Risk assessment and risk management: Review of recent advances on their foundation. *European Journal of Operational Research*, 253(1), pp.1-13.
- Bjerga, T., Aven, T. and Zio, E., 2016. Uncertainty treatment in risk analysis of complex systems: The cases of STAMP and FRAM. *Reliability Engineering & System Safety*, *156*, pp.203-209.
- Willumsen, P., Oehmen, J., Stingl, V. and Geraldi, J., 2019. Value creation through project risk management. *International Journal of Project Management*, *37*(5), pp.731-749.
- Wang, H.F. and Hsu, F.C., 2009. An integrated operation module for individual risk management. *European Journal of Operational Research*, 198(2), pp.610-617.
- Wangen, G., Hallstensen, C. and Snekkenes, E., 2018. A framework for estimating information security risk assessment method completeness. *International Journal of Information Security*, *17*(6), pp.681-699.