107學年度第2學期資訊管理研究所博士班資格考

科目:資訊科技與決策理論

1. Please explain how decision support systems can effectively support the decision making in terms of Holsapple and Whinstons’ generic framework. (20%)
2. Please discuss the current status of research published on *Decision Support Systems* (Elsevier) Journal regarding to Decision Support to Omnichannel Business. (13%)
3. A design of DSS (individual or group) for users involves individual behaviors for enhancing their motivation to use DSS. Please discuss two behavioral issues, affective and cognitive, for their role on designing an effective DSS. Your discussion may need to provide support from practical experience and theoretical bases. A presentation with one or some examples may be better for understanding its reasonableness. (11%)
4. Please discuss why there is an important linkage between decision theories and a design of DSS effectiveness. You should first discuss some important decision theories in the literature regarding their features and further their implications to the design of DSS effectiveness. Your discussion should be properly cited from prior literature. (11%)
5. Please first discuss a general DSS architecture from the point view of literature. Further, how the role of social media or social commerce can be played for designing an effective DSS or groupware for a company in terms of the concept of process gains and losses of the groupwork. Please illustrate this by an example. (11%)
6. 請歸納近五年本系A類期刊（如MISQ,ISR,DSS等，如附件1所列）中，探討行動決策支援系統發展之趨勢(20%) 及影響因素(13%)。

附件1：本系A類期刊

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| 本系A類期刊 |
| 1. ACM Computing Surveys (ISSN: 0360-0300) 2. ACM Transactions on Computer-Human Interaction (ISSN: 1073-0516) 3. ACM Transactions on Database Systems (ISSN: 0362-5915) 4. ACM Transactions on Information Systems (ISSN: 1046-8188) 5. ACM Transactions on Modeling & Computer Simulation (ISSN: 1049-3301) 6. ACM Transactions on Software Engineering and Methodology (ISSN: 1049-331X) 7. Communications of the ACM (ISSN: 0001-0782) 8. Decision Sciences (ISSN: 0011-7315) 9. Decision Support Systems (ISSN: 0167-9236) 10. European Journal of Operational Research (ISSN: 0377-2217) 11. IEEE Transactions on Knowledge and Data Engineering (ISSN: 1041-4347) 12. IEEE Transactions on Software Engineering (ISSN: 0098-5589) 13. IEEE Transactions on Systems, Man, and Cybernetics: Systems (ISSN: 2168-2216) 14. IEEE Transactions on Cybernetics (ISSN: 2168-2267) 15. Information & Management ( ISSN: 0378-7206) 16. Information Systems Research (ISSN: 1047-7047) 17. International Journal of Electronic Commerce (ISSN: 1086-4415) 18. International Journal of Information Management (ISSN: 0268-4012) 19. International Journal of Human-Computer Studies (ISSN: 1071-5819) 20. Journal of Management Information Systems (ISSN: 0742-1222) 21. Journal of Organizational Computing & Electronic Commerce (ISSN: 1091-9392) 22. Journal of the AIS (ISSN:1536-9323) 23. Journal of the American Medical Informatics Association (ISSN (printed): 1067-5027. ISSN (web): 1527-974X) 24. Management Science (ISSN: 0025-1909) 25. MIS Quarterly (ISSN: 0276-7783) |