BUSCLIS for Construction Industry

Ahmad Noraziah^a; M. Affendy Omardin^b; Noriyani Mohd Zin^a; Roslina Mohd. Sidek^a; Mohd Helmy Abd Wahab^c; Jiwat Ram^d

^aFaculty of Computer Systems & Software Engineering, University Malaysia Pahang, Malaysia ^bFaculty Civil Engineering and Earth Resources, University Malaysia Pahang, Malaysia ^cFaculty of Electric & ElectronicUniversiti Tun Hussein Onn Malaysia, Malaysia ^dUniversity of Adelaide, Australia

ABSTRACT

In this research, we focus on software namely Building Submission Checklist System (BuSCLIS) that has been developed to be use in construction industry. An objective of developing BuSCLI is to simplify the management of submission data of building plan approval through online system for the Local Authority (LA) or State Town and Country Planning in Malaysia. We presents the data management of the system through the data dictionary include login, user, contractor, consultant, checklist, location and project. BuSCLI facilitates user by computerized the forms and provide fast, efficient, transparent, effective service to the engineer, architect and contractor. Relevant and timely information managed by sophisticated BuSCLI with the database management system, MySQL.

KEYWORDS:

BuSCLIS; building plan; RAD; data dictionary

REFERENCES

- Moody, D.L.: Metrics for evaluating the quality of entity relationship models. In: Ling, T.-W., Ram, S., Li Lee, M. (eds.) ER 1998. LNCS, vol. 1507, pp. 211–225. Springer, Heidelberg (1998), doi:10.1007/b68220
- 2. Connolly, T.M., Begg, C.E.: Database Systems: A Practical Approach to Design, Implementation and Management, 5th edn. International Computer Science Ser. Pearson, London (2010)
- 3. Harbans Singh, K.S.I.: Engineering and Construction Contracts Management. Auerbach Publication, Malaysian Construction Industry Master Plan (January 2011), http://www.cidb.gov.my
- 4. Jelani, A.M.: The Implementation of E-Government at the Local A thorities Level with Emphasis on Planning and Development Approval Process. Ke Note Address at Leadership Seminar on Urban Management (2003)
- 5. CWorks The Easy Route to Maintenance Reports, http://www.cworks.com.my/ (January 24, 2011)