

CONTRACTUAL REQUIREMENT LIST FOR PROJECT DATA MANAGEMENT
SYSTEM AND SOFTWARE TESTING ACTIVITIES

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A project report submitted in partial fulfillment of
the requirements for the award of the degree of
Master of Science (Computer Science- Real Time Software Engineering)

Faculty of Computer Science and Information System
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October 2008

ABSTRACT

Requirements gathering have always been critical phase in the implementation of high quality software systems. A good requirement gathering in early stages of Software Development Life Cycle (SDLC) will ensure the quality of product produced and prevent defect at later stages of SDLC, hence reducing cost. In ensuring requirements are grip properly at early stages of SDLC, verification process will take place. As the project progresses, validation process are performs to ensure the product do what the user really requires. This project report will describe preparation of Contractual Requirement Document (CRL) and how verification process will took place to conform to its requirements. In addition, testing activities which is part of validation process is also discussed in this thesis.

ABSTRAK

Pengumpulan maklumat keperluan sistem, merupakan fasa yang kritikal dalam membangunkan sistem perisian yang berkualiti tinggi. Pengumpulan keperluan sistem yang baik di peringkat awal *Software Development Life Cycle (SDLC)* memastikan produk yang dihasilkan berkualiti serta dapat mengelak ralat di peringkat SDLC yang seterusnya di samping menjimatkan kos pembangunan. Bagi memastikan maklumat keperluan sistem berjaya diambil dengan baik, proses verifikasi perlu dilaksanakan. Dalam perjalanan menuju akhir fasa projek,,proses validasi pula dilaksanakan bertujuan menjamin produk dibangunkan memenuhi keperluan dikehendaki. Laporan ini menerangkan penyediaan dokumen *Contractual Requirement Document (CRL)* dan bagaimana proses verifikasi dilaknakan bagi memenuhi keperluan system tersebut. Sementara aktiviti-aktiviti semasa fasa pengujian (*testing*), yang merupakan sebahagian dari proses validasi turut dibincangkan dalam tesis ini.