

Risk Information System untuk Schedule Development pada Proyek Distributed Engineering = Risk Information System for Schedule Development in Distributed Engineering Project

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Abstrak

Pada proyek Distributed Engineering (DE) diperlukan metode estimasi waktu yang tepat dalam schedule development, mengingat banyaknya sumber risiko yang ada. Tujuan dari tesis ini adalah untuk mendapatkan faktor risiko dan tingkat signifikansinya terhadap kinerja waktu proyek DE. Faktor tersebut setelah melalui proses proses qualitative & quantitative risk analysis akan disusun dalam knowledge database yang diaplikasikan menjadi IT based Information system sehingga terbentuk sistem informasi yang fleksible dengan output rekomendasi tindakan/respon risiko yang menjadi bahan dalam schedule development. Framework analisa terdiri dari tiga komponen: (1) pengumpulan informasi risiko (2) analisa risiko (3) pembuatan knowledgebase dan IT based Information system.

.....A Distributed Engineering Project (DE) will require appropriate time estimation method during schedule development, considering lot of time risks that will be present, The purpose of this tesis is to obtain the risk factor and its level of significancy against time performance of DE project. These factors, after passing qualitative and quantitative risk analyses process will be arranged in the knowledge database that will be forming an IT based Information system and producing a flexible Information system with output of recommendation action/risk response that in further stage become schedule development matgerial. Analysis framework consists of three components: (I) risk Information register (2) risk analysis (3) knowledgebase and IT based Information system development.