Pengelolaan risiko pekerjaan perancangan bangunan gedung untuk meningkatkan kinerja waktu perancangan = Risk management of building design work to improve design time performance

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Abstrak

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Sehubungan dengan kompleksnya perkembangan proyek bangunan gedung, ditemukan fakta bahwa keterlambatan waktu perancangan menjadi masalah rutin yang tidak dapat dihindari sehingga melatarbelakangi penulisan tesis ini yang bertujuan untuk melakukan identifikasi faktor risiko dominan yang terdapat pada pekerjaan perancangan bangunan gedung yang berpengaruh terhadap kinerja waktu perancangan dan membuat respon atas risiko tersebut guna meminimalisir peristiwa dan dampak risiko yang terjadi. Metode pengumpulan data yang digunakan adalah studi literatur, validasi variabel oleh pakar dan penyebaran kuesioner kepada responden. Adapun datanya kemudian diolah menggunakan software SPSS terkait analisis non parametrik, uji validitas dan reliabilitas, analisis deskriptif, uji normalitas, analisis pendekatan risiko berbasis ISO 31000 dan analisis korelasi. Pada akhirnya, didapat 6 faktor risiko dominan yang dinilai sangat mempengaruhi kinerja waktu perancangan sehingga harus dicari penyebab, dampak dan respon risikonya dengan cara melakukan validasi hasil akhir oleh pakar.

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ABSTRACT

Along with the complex development of building projects, it was found that the design time delay becomes routine problem that can?t be avoided, so that the background of this thesis aimed to identify the dominant risk factors of building design work that affect design time performance and make response for that risks to minimize the risk?s occurence and impact. Data collection methods used are literature reviews, validation of variables by expert and questionnaires to the respondents. The data is then processed using SPSS software for non-parametric analysis, validity and reliability test, descriptive analysis, normality test, risk analysis approach of ISO 31000 and correlation analysis. In the end, found 6 dominant risk factors that most affecting design time performance so it must be sought the risk?s cause, impact and response by validate the final results to experts;Along with the complex development of building projects, it was found that the design time delay becomes routine problem that can?t be avoided, so that the background of this thesis aimed to identify the dominant risk factors of building design work that affect design time performance and make response for that risks to minimize the risk?s occurence and impact. Data collection methods used are

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