

## Perancangan dan analisis model e-recruitment berbasis web dengan pendekatan integrated assessment = Design and analysis of web based e-recruitment model with integrated assessment approach

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### Abstrak

#### **ABSTRAK**

Rekrutmen penting bagi suatu organisasi karena berfungsi untuk menghimpun sumber daya manusia. Kemajuan teknologi yang berkembang telah memaksa perusahaan untuk menerapkan e-recruitment, yaitu sistem rekrutmen yang memanfaatkan Internet. Penelitian ini berfokus pada perancangan dan analisis model e-recruitment berbasis web dengan pendekatan integrated assessment. Hasil dari penelitian ini menunjukkan performa aplikasi dan database dalam mengukur kapasitas concurrent users sebanyak 375 dan 376 dari 500 pengguna virtual yang dianalisis. Average load time aplikasi web eksternal dan database selama kurang dari 30 milidetik 375 pengguna virtual bersamaan dan 2,253 detik. Sedangkan, maximum load time aplikasi web eksternal saat 500 pengguna virtual bersamaan terjadi pada halaman home selama 17,22 detik. Rata-rata pemanfaatan CPU aplikasi web eksternal yang dianalisis sebesar 1,925 . Hasil penilaian responden terhadap functionality dan usability aplikasi web eksternal dan internal memiliki nilai kepuasan sebesar 84,33 dari 100.

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#### **ABSTRACT**

Recruitment is important for organization because it has the function of collecting human resources toward the organization. The technology development has grown up and it forces company to implement e recruitment, which is Internet based recruitment. This research is focused on designing and analyzing of web based e recruitment model with integrated assessment approach. The results show that the performance of external web application and database in measuring the concurrent user capacity of 375 and 376 of 500 virtual users analyzed. Average load time of external web application and database for less than 30 milliseconds 375 concurrent virtual users and 2,253 seconds. The maximum load time of external web application when 500 concurrent virtual users occurred on the home page for 17,22 seconds. The average CPU utilization of external web application were analyzed of 1,925 . The results of respondents rsquo assessment concerning to the functionality and usability of external and internal web application has total amount of satisfaction 84,33 of 100.