

**RANCANG BANGUN APLIKASI SISTEM PAKAR UNTUK
IDENTIFIKASI GEJALA GANGGUAN MAKAN
DENGAN MENGIMPLEMENTASIKAN
TEORI *DEMPSTER-SHAFER***

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ABSTRAK

Gangguan makan merupakan gangguan jiwa yang seringkali tidak disadari penderitanya sehingga penting untuk mengenali ciri atau gejala gangguan makan dan jenisnya. Penelitian ini bertujuan untuk merancang aplikasi sistem pakar yang dapat digunakan untuk membantu masyarakat dalam mengidentifikasi gejala gangguan makan. Teori *Dempster-Shafer* akan diimplementasikan sebagai metode dalam proses penalaran aplikasi sistem pakar. Berdasarkan hasil pengujian dengan 30 skenario identifikasi, 28 diantaranya dianggap sesuai sehingga aplikasi ini dianggap mampu mengidentifikasi gejala gangguan makan.

Kata Kunci : Gangguan Makan, Sistem Pakar, *Dempster-Shafer*

***DESIGN OF EXPERT SYSTEM APPLICATION FOR
IDENTIFICATION OF EATING DISORDER
SYMPTOMS BY IMPLEMENTING
DEMPSTER-SHAFER THEORY***

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ABSTRACT

Eating disorders are mental disorders that sufferers often do not realize so it is important to recognize the characteristics or symptoms of eating disorders and their types. This study aims to design expert system applications that can be used to assist people in identifying symptoms of eating disorders. Dempster-Shafer theory will be implemented as a method in the reasoning process of expert system applications. Based on the test results with 30 identification scenarios, 28 of them are considered appropriate so that this application is considered capable of identifying symptoms of eating disorders.

Keyword : Eating Disorder, Expert System, Dempster-Shafer