

Editorial

We are pleased to present the third issue of the sixteenth volume of the *Journal of Digital Information Management*. This issue is marked by the publication of the following research. In the opening paper on **“Query Optimization on Distributed Health Database DBD by Minimizing Attribute Involvement”** the authors *Slamet Sudaryanto, Sudaryanto* and, *Maryani* carried out the Query optimization task in the distributed health databases. They reduced the cost of queries by separate attributes that are not required by a query, and hence the amount of time communication and access is reduced.

Bassel Alkhatib and *Dania Briman* in the next paper on **“Building a Herbal Medicine Ontology Aligned with Symptoms and Diseases Ontologies”** proposed a new ontology to be used for the herbal medicine. They also used an algorithm to align the ontology with the symptoms ontology SYMP and with the diseases ontology DOID. They used this ontology in an educational expert system that prescribes herbs for the treatment of casual symptoms.

In the next paper on **“Development of an Adaptive Collaborative Serious Game Based on Learning Style, Using Trace and Agent Technology”** the authors *Hadya Boufera, Fatima Bendella* and *Karim Sehaba* described the Adaptive system that personalize a collaborative serious game based on learning style proposed by Felder and Silverman. From the experimental results, they concluded that the adaptive collaborative serious game based on learning style improve learning outcomes and effectiveness, and promote learning motivation.

Sakila and *Vijayarani* in the last paper on **“Content Based Text Information Search and Retrieval in Document Images for Digital Library”** have extracted the keywords in the captured/scanned print document images in the image database. They proposed an algorithm Enhanced Dynamic Time Warping for finding keywords from document images, it is based on word spotting technique. In the experimentation process they found that the proposed algorithm has produced good results than an existing one.

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