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เรื่อง ขออนุมัติงบประมาณเข้าร่วมการสัมนานำเสนอผลงานวิชาการในการประชุมวิชาการระดับนานาชาติ

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Personal Image Retrieval with Hierarchical Similarity Measure Based on WordNet Framework

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Abstract—**Researchers have attempted to find suitable model to retrieval the semantic personal images. Keyword annotation technique have been applied to improve for the semantic model. The process of such approaches is done by text searching. The model is rather rudimentary and it does not specific enough for representing the meaning of images. The aim of this paper is to present a novel technique with hierarchical concept and combining the qualitative features for semantic image retrieval. The approach is composed of two main stages: (1) annotation of the query image with semantic terms from an electronic thesaurus WordNet and (2) comparison of the query to other annotated images with similarity measure. The experimental results indicate that our proposed approach offers significant performance improvements in the interpretation of semantic meaning with the maximum of 79.1%.**

Keywords-image processing; semantic images; content based image retrieval; keyword annotation; WordNet

I. INTRODUCTION

Recently, personal image is increasingly becoming an important topic due to the widespread availability of various digital image capture and the proliferation of media communication channels. Taking photos quickly and easily, so the number of photos has increased significantly. When people need to find a desired image, they often spend time searching the images in image collections, especially collections related to an event (a social event, or a personal event). Therefore researchers attempt to find the various methods to organize them are necessary. Traditional methods in image retrieval have managed search a query-by-example paradigm as Content-Based Image Retrieval (CBIR). CBIR is the tool for similar images based on their visual features. The set of image results have successfully completed for matching in the term of low-level features between two images but do not enough to comprehensively characterize personal images. In addition, the performance of most CBIR systems is constrained by the low-level properties of these features because they cannot efficiently model the user's high-level expectations [1]. Since this problem remains unsolved, many research in image retrieval attempt to find the new framework to characterize the image content with higher level semantics, closer to that familiar to the user in mind.

II. RELATED WORK

Wherever Researchers have begun to combine keyword and visual feature maps into higher level concepts for actual semantic images. Important objects in image are manually annotated with the most relevant keyword. Then, every image in the database is compared against those keywords to detect the specific keywords of the image. Some researchers have addressed the issues of learning of term similarity matrix and keyword grouping for intelligent query expansion [2]. They construct more meaningful concept clusters of co-occurring keywords technique. For example, a user needs to find an image "a man resting on the beach". The irrelevant images that are labelled with a set of beach keywords are also returned. Fan et al. [3] have proposed a semantic-sensitive framework for image content representation by using salient objects. The salient objects are defined as the connected image regions that are visually significant and maintain the dominant visual properties for the corresponding object classes. Jun Yang[4] has developed a prototype system iFind for image retrieval, which implemented a semi-automatic image annotation strategy [5]. A set of keywords on the image is related to the semantic contents. A weight is assigned to each link to show the descriptive power of the corresponding keyword. However, iFind lacks to find the similarity between different words that is another problem posed by the richness of natural language, such as synonyms, polysemy and other complex word relevancy.

There are many research to interest the new idea for supporting hierarchical image and multi-level image annotation. Fan, Jianping [6] has incorporated the concept

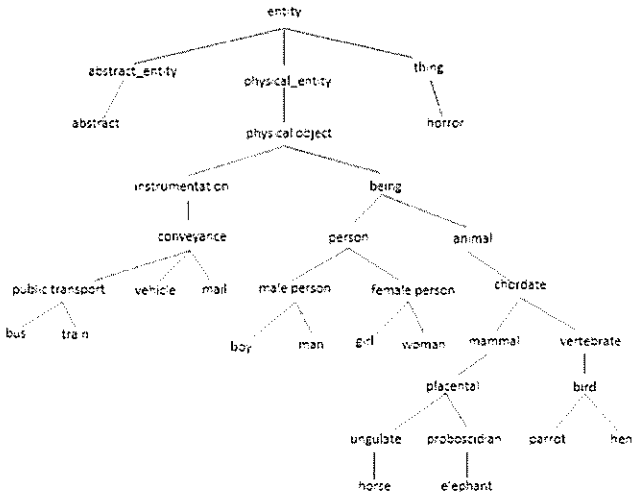

Figure 2. Concept Representation in WordNet Framework

first Information Content (IC) notion by relying node based approach. Information Content (IC) is the concept that has specified and detailed information. RIK first uses Corpus to get the probabilities of each concept and computed how many times the concept appears in the Corpus.

$$freq(c) = \sum_{c_i \in \mathbb{R}} count(c_i) \quad (1)$$

where $\in$ stand for subsuming relationship, to get the frequency of word c, it summations all the count of each word c_i , which is subsumed by word c . Next, the probabilities of each concept are calculated by the following relative frequency.

$$Prob(c) = freq(c)/N \quad (2)$$

So, the IC of concept c can be computed by taking negative logarithm of relative probability. If only one root node is selected, the probability of that node will be 1. This is because root node concept subsumes every concept in WordNet. Second, RIK calculates IC of a concept by taking the negative logarithm of probability. Finally, semantic similarity between two concepts will be calculated.

$$IC(concept\ c) = -\log(Prob(c)) \quad (3)$$

B. Units Jiang and Conrath Measure (JNC)

There are many different approaches for computing semantic distances from the WordNet. JNC [13] measure's performance is the best among other similar measures. JNC [13] calculated from the same notion of the IC and takes into account the distance between selected concepts.

$$Sim(c_i, c_i) = 1/[IC(c_1) + IC(c_2) - 2 * IC(lcs(c_1, c_2))] \quad (4)$$

where $lcs(c_1, c_2)$ is the IC value of lowest common subsumer between two concepts (c_1, c_2) . RIK measure only consider the information content of subsuming word. JNC combines node-based and edge-base approach therefore similarity between c_1 and c_2 is difference.

C. Lin Measure (LIN)

Lin et al.,[14] is another following the similarity theorem, use the ratio of the commonality and information amounts essential for describing each concept. Commonality between two concepts is the Information Content of lcs. In reality, Lin measure has the close relation of JNC.

$$Sim(c_i, c_i) = \frac{2*IC(lcs(c_1,c_2))}{IC(c_1)+IC(c_2)} \quad (5)$$

where shortest length is the shortest path between two concepts. D is the overall depth of WordNet.

IV. Experimental Results

In this section, we evaluate the experimental results by comparing with four measures: RIK, JNC, LIN and LNC as descript details in previous section.

A. Dataset and evaluation methods

The In our experiments, the dataset used in this paper is downloaded from LabelMe[11]. We manually selected 1,500 probe images in this dataset. Each contains 100 images on the same topic. We use 1,300 images as training set and the remaining 200 images as a testing set. In this works, we focus on images of 8 categories: beach, skiing, graduation, wedding, birthday, yard-park, ball game and family time. The database was setup to cover a variety of image contents. Example: road, sky, sand, tree, car, building, garden etc. In this work, we occupy RIK, JNC, LIN and LNC as the measurement tool. To evaluate the method, precision, recall, f-measure and accuracy are applied [17-19]. Their definitions are shown below.

$$\text{precision}_i = \frac{\#\text{of correctly images of class } i}{\#\text{of images to class } i} \quad (7)$$

$$\text{recall}_i = \frac{\#\text{of correctly images of class } i}{\#\text{of images in the class } i} \quad (8)$$

$$\text{f-measure}_i = \frac{2 \cdot \text{precision}_i \cdot \text{recall}_i}{\text{precision}_i + \text{recall}_i} \quad (9)$$

$$\text{accuracy} = \frac{\#\text{of correctlyimages}}{\#\text{of images}} \quad (10)$$

[7] Y. A. Aslandogan, C. T. Yu, "Evaluating strategies and systems for content based indexing of person images on the Web", ACM Multimedia, 2000.

[8] A. G. Hauptmann, "Towards a large scale concept ontology for broadcast video", CIVR, 2004.

[9] Feichao Wang, A survey on automatic image annotation and trends of the new age, Elsevier Ltd. vol 23, 2011.

[10] C. Fellbaum, "WordNet: An Electronic Lexical Database," MIT Press, 1998.

[11] Miller, George A., "WordNet: An on-line lexical database," International Journal of Lexicography, vol 3, pp. 235–312,1990.

[12] T. Mitchell, "Machine Learning," McGraw Hill , 1997.

[13] Bryan C. Russell, Antonio Torralba, Kevin P. Murphy, and William T. Freeman, "LabelMe: A Database and Web-based Tool for Image Annotation," International Journal of Computer Vision, vol. 77, pp.1-3, 2008.

[14] P. Resnik, "Using information content to evaluate semantic similarity in a taxonomy," In Proceedings of the 14th International Joint Conference on Artificial Intelligence, 1995.

[15] J.Jiang and D.Conrath, "Semantic similarity based on corpus statistics and lexical taxonomy," In Procedeeings on International Conference on Research in Computational Linguistics, 1997.

[16] D. Lin, "Using syntatic dependency as a local context to reslove word sense ambiguity," In Proceedings of the 35th Annual Meeting of the Association for Computational Linguistics, pp. 64–71, 1997.

[17] C. Leacock, "Combining local context and wordnet similarity for word sense identification," In Christiane Fellbaum, editor, WordNet: A Lexical Reference System and its Application. MIT Press, Cambridge, MA., pp. 265–283, 1998.

[18] Richard O. Duda, Peter E. Hart and David G. Stork, *Pattern classification*, New York, Wiley, 2nd, 2001.

[19] T. Mitchell, *Machine Learning*, McGraw-Hill, 1997.

[20] P. Devijver and J. Kittler, *Pattern Recognition: a Statistical Approach*, Prentice Hall, 1982.

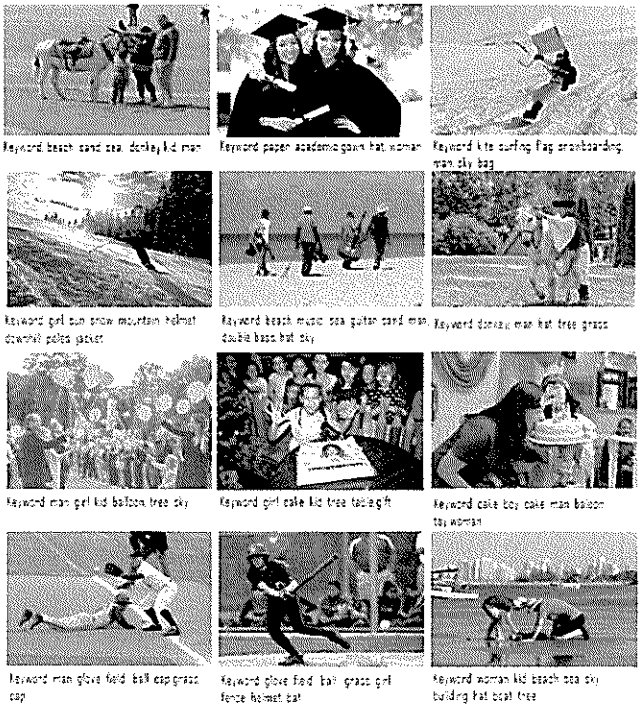

Figure. 5. The example of personal photos in each category.

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Your paper will be published in Journal of Image and Graphics (JOIG, ISSN: 2301-3699), which will be indexed by Google Scholar, Crossref, Ulrich's Periodicals Directory, Engineering & Technology Digital Library, etc.

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6. Send your Final Revised Paper, Signed Copyright Form, Filled Registration Form (Both .doc and .pdf format), Scanned Payment Proof to us at icmfm@iap.org **by Registration Deadline (Before January 30, 2017)**

Note:

- If you pay by on-line Credit Card Payment, please fill your confirmation number in the registration form after paying.
- If you pay by bank transfer, please scan the payment slip as the payment proof for checking.

If you have any problem, please feel free to contact us via icmfm@iap.org. For the most updated information on the conference, please check the conference website at http://icmfm.org/index.html. The conference schedule will be available at the website in Early April, 2017.

As for the accommodation during the conference, we suggest you make early reservation with the conference venue or choose other hotels nearby.

Again, congratulations. We look forward to seeing you in Hanoi, Vietnam.

Yours sincerely

Nancy Y. Lau
IJMSE Editorial Office
Executive Director
USA
Email: nancy@iap.org
http://icmfm.org/index.html

① ค่าตั๋วเครื่องบิน

บริษัท สายการบินนกแอร์ จำกัด (มหาชน)
Nok Airlines Public Company Limited
เลขที่ 3 อาคารรัจนาการ ชั้น 17 ถนนสาทรใต้
แขวงยานนาวา เขตสาทร กรุงเทพฯ 10120
โทร. 1318 แฟกซ์ 0-2699-4893
3 Rajanakarn Building , 17th floor, South Sathorn
Rd., Yannawa,Sathorn, Bangkok 10120
Tel.1318 Fax.0-2699-4893

ใบยืนยันการรับเงิน
RECEIPT CONFIRMATION

เลขประจำตัวผู้เสียภาษี/Tax ID No. 01075-56000-094

วันที่/Date 29 January 2017

เลขที่การจอง/Booking No D98KWG/42599804
รหัสชำระเงิน/Pay code: 72344692 / 29 Jan 2017 / CC / 8,418.00 -Baht / xxxxxxxxxxXX 9743
ชื่อผู้โดยสาร/Passenger Names.
CHINPANTHANA/NUTCHANUNMS

เที่ยวบิน/Flight	เส้นทาง/Route	วันเดินทาง/Travel Date
DD3202	Bangkok (Don Mueang) - Hanoi, Vietnam	08/05/2017
DD3207	Hanoi, Vietnam - Bangkok (Don Mueang)	12/05/2017

	บาท/THB
ค่าโดยสารและค่าธรรมเนียมอื่นๆ / Airfare and Other Fees	3,394.50
ค่าอาหารและเครื่องดื่ม / Food and Beverage	0.00
ค่าน้ำหนักสัมภาระเกิน /Excess Baggage Fees	0.00
ค่าสมาชิก / NFC Member Fee	0.00
อื่นๆ / Others	0.00
ยอดรวมก่อนภาษีมูลค่าเพิ่ม / Total Amount before VAT	3,394.50
ภาษีมูลค่าเพิ่ม / VAT	0.00
ยอดรวมภาษีมูลค่าเพิ่ม / Total Amount included VAT	3,394.50
ค่าโดยสารอื่น / Other Transportation Fee(Non VAT)	0.00
ภาษีสนามบิน / Airport Tax(Non VAT)	5,023.50
อื่นๆ / Miscellaneous	0.00
ยอดเงินรับชำระรวม/Total Amount received	8,418.00

ตัวอักษร/ THB **แปดพันสี่ร้อยสิบแปด บาทถ้วน**

หมายเหตุ:
1.เอกสารฉบับนี้จัดทำและตรวจสอบด้วยระบบคอมพิวเตอร์ ถือว่าสมบูรณ์โดยไม่ต้องมีลายมือชื่อผู้รับมอบอำนาจ
This is computer generated Receipt Comfirmation,no signature is required.
2.เอกสารฉบับนี้จะถือว่าเป็นใบยืนยันการรับเงินได้ ต่อเมื่อบริษัทได้รับเงินถูกต้องครบถ้วนตามที่ระบุไว้ข้างต้นแล้วเท่านั้น
This document shall be considered as Receipt Confirmation only when the company has duly received in full the money as detail above mentioned.

4.3 ค่าโรงแรม

RECEIPT
Number : #1564442234810548657
Date : 12 Apr 2017, 10:39 (Wednesday)

CUSTOMER DETAILS

Name : Nutchanun Nutchanun
Email : ploy.ch@gmail.com / +66840194484

PAYMENT DETAILS

P.O. NUMBER : 146376644
METHOD : Credit Card
STATUS : Paid

GUEST

Nutchanun Chinpanthana

HOTEL DETAILS

Ha Noi Holiday Center Hotel
Address: 8 Nha Hoa, Cua Dong, Hanoi, Vietnam
Check-in: 08-05-2017
Duration: 4 nights

PURCHASE DETAILS

No	Type of Item	Item Description	Qty	Price per unit THB	Total THB
1	**Hotel Room**	Ha Noi Holiday Center Hotel, Superior Triple Room - 3 guest	1	9,059.56	9,059.56
2	**Coupon**	Enjoy hotel reservation discount for Nutchanun Nutchanun	1	-350.00	-350.00
				TOTAL	8,709.56
				ADMINISTRATION FEE	0.00
				PAYMENT AMOUNT	8,709.56