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RESEARCH ARTICLE

GAPSS: GPS Aided Photo Search System

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Abstract- Our project proposes a GAPSS (GPS Aided Photo Search System) to identify buildings through their photos captured by phone cameras. User need to take a picture of the building he or she wants to know with Android phone cameras and upload the picture to our system. The system returns name and information of the buildings on Google map. In the project we describe an image-based approach to finding location-based information from camera-equipped mobile devices. Our technique uses content-based image retrieval methods to search databases for matching images and their source pages to find relevant location-based information. In contrast to conventional approaches to location detection, our method can refer to distant locations and does not require any physical infrastructure beyond mobile internet service & simply a web service for information store. Also the Google API can be used to display navigation for the specified image - location on the Google maps.

Keywords: Content based image retrieval, WWW search engine, meta-search engine, image search engine, GAP Search, Location based Services

Full Text: <http://www.ijcsmc.com/docs/papers/February2014/V3I2201499a2.pdf>