

Smartphone App Evaluates Nutritional Values of Food and Determines Possible Impacts on Health

Track Code: 64948

Categories:

- Computer Technology
- Food and Nutrition

Keywords:

- Analytics
- Big Data
- Computer Technology
- Diabetes
- Food and Nutrition
- Mobile Apps
- Nutrition
- Obesity
- Software

Currently, dieters can subscribe to websites that monitor eating habits by critiquing uploaded photos of their meals. This offers busy people the chance to get nutritional feedback without spending time writing down all of their meals, drinks, and snacks. The goal is to help dieters better evaluate portion size and nutritional content.

Researchers from Purdue University and Curtin University, Perth, Australia, have developed a technology to help the health-conscious better gauge the size and nutritional content of the food on their plates by using a cell phone camera. This technology goes a step further because it is based on strong scientific grounding. This software integrates various image-processing technologies to evaluate the photos, which results in better food identification and serving size. A nutritional knowledge base is used to evaluate the food and determine the possible impacts on health.

To view a video related to this technology, click this link: <https://www.youtube.com/watch?v=CjS134veAqw&list=PLDD872C52DD2AC2EC&index=42>

Advantages:

- Convenient
- Health awareness

Potential Applications:

- Nutrition
- Diet
- Medical/Health

People:

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Intellectual Property:

Application Date: December 27, 2012
Type: CON-Patent
Country of Filing: United States
Patent Number: 8,605,952
Issue Date: December 10, 2013

Application Date: September 3, 2009
Type: Utility Patent
Country of Filing: United States
Patent Number: 8,363,913
Issue Date: January 29, 2013

Application Date: December 9, 2013
Type: CON-Patent
Country of Filing: United States
Patent Number: (None)
Issue Date: (None)

Application Date: September 5, 2008
Type: Provisional-Patent
Country of Filing: United States
Patent Number: (None)
Issue Date: (None)

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