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An intelligent cloud-based data processing broker for mobile e-health multimedia applications

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***Highlights (for review)**

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- We focus on the intelligent central cloud broker for single, mixed and multiple food object images.
- Proposed scheduling and decision algorithms specifically for different food categories in cloud.
- Proposed Dynamic Cloud Allocation mechanism for evaluating and autonomously allocation/deallocating cloud resources.
- Focus on application of Deep Learning for food image recognition.

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