Real-time Visual Object Classification
For Augmented Reality

Objectives:

The project aims to design and implement a mobile software application to allow users to build their own image classification knowledge database [1]. The application provides automated pipeline of CNN model training and deployment [2]. Moreover, the project proposed a novel multi-model hierarchical classification mechanism [3] to boost the performance for difficult classification tasks in a specific domain.

- No machine learning expertise required for users
- Highly extendable knowledge database
- Informative result with better accuracy

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