Project Topic

**Classification of Objects in User's Native Language**

**ABSTRACT**

In today’s era of Globalization, people travel to many different countries for many different purposes whether it is business or simply as a tourist. For an individual learning the names of different objects, cuisines and dishes found across the world is a tedious task. This project is to help users overcome this problem with just the use of a Smartphone. The project will use Object detection Technique using Tensorflow to classify objects and then google translate api to get the classification of objects in many different languages.

It can be used in Classification of Different Foods in User's Local Languages and Object Detection and Classification into different languages.

The Application will be Developed using android studio and TensorFlow platform.The object will be detected using a smartphone camera and fed into the Tensorflow model which will process and give out the results.

**References**

1. <https://link.springer.com/chapter/10.1007/978-3-642-36124-1_23> Research on Computer Vision-Based Object Detection and Classification
2. Research on Computer Vision-Based Object Detection and Classification by-Juan Wu1 , Bo Peng1 , Zhenxiang Huang1 , Jietao Xie2

**Keywords:-**Object Detection,Tensorflow,Computer Vision,Augmented Reality

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