

PROJECT PROPOSAL

Team Name: Coders

Fatema Hasta (16247903)

Vinay Jaibheem (16249942)

Farid Uddin Ahmed (16235721)

Zarin Tasnim Sandhie (16235544)

FOOD FINDER

Project Goal and Objectives:

The core idea of this project is to classify a person's interest in food cuisines and provide certain feature based on the cuisine. The feature is to search nearby places or restaurants where the person can go have the cuisine he likes. A web application can be designed that takes the input in the form of an image. This image can be fed to our model that detects the type of cuisine and classifies the image either into italian class, mexican class, indian class or american class. Based on this class, particular feature will be appeared to the user.

Method:

In order to detect the type of cuisine, we will have a food dataset categorized into 4 data sets. We can then use Convolutional Neural Networks (CNN) to classify the new image of a cuisine into one of these classes. Based on the cuisine, we can then use Google Places API to find places or restaurants where the user can go have this cuisine.