

## 1. PROJECT TITLE

-- Tensorflow\_Aquarium\_Fish\_Image\_Classification

## 2. PROJECT DESCRIPTION

Image classification using GoogleNet and TensorFlow.

## 3. SET UP

- 1-- Load files listed below into the same contents folder and make a note of the directory path leading to this contents folder for later changes in the .ipynb file.
- 2-- Delete the file, "holder\_file.txt", from the original\_images folder
- 3-- Move the folders marked by an asterisk (\*) below into the now empty original\_images folder. Each (\*) folder contains 100 species-class images.
- 4-- Resulting directory set-up should be as shown below in 4.)

## 4. PROJECT FOLDER CONTENTS

- This README.pdf file.
- Tensorflow\_Aquarium\_Fish\_Image\_Classification.html
- Tensorflow\_Aquarium\_Fish\_Image\_Classification.ipynb
- Tensorflow\_Aquarium\_Fish\_Image\_Classification.pdf
- Pics folder
- original\_images folder
  - holder\_file.txt (should be deleted)
  - original\_barbs folder (\*)
  - original\_bettas folder (\*)
  - original\_gouramis folder (\*)
  - original\_redtails folder (\*)