Task 5.1: Computer Vision

In [1]:
```
from azure.cognitiveservices.vision.computervision import ComputerVisionClient
from azure.cognitiveservices.vision.computervision.models import TextOperationStatusCodes
from azure.cognitiveservices.vision.computervision.models import TextRecognitionMode
from azure.cognitiveservices.vision.computervision.models import VisualFeatureTypes
from msrest.authentication import CognitiveServicesCredentials

from array import array
import os
from PIL import Image
import sys
import time
```

In [2]:
```
subscription_key="21a177ddce0f47be92fa6549dd73be41"
endpoint= "https://computervisionsagar.cognitiveservices.azure.com/"
computervision_client = ComputerVisionClient(endpoint, CognitiveServicesCredentials(subscription_key))
```

In [3]:
```
raw.githubusercontent.com/Azure-Samples/cognitive-services-python-sdk-samples/master/samples/vision/images/Face/Family1-Dad1.jpg"
```

In [4]:
```
remote_image_url
```

Out[4]:
```
'https://raw.githubusercontent.com/Azure-Samples/cognitive-services-python-sdk-samples/master/samples/vision/images/Face/Family
1-Dad1.jpg'
```

In [6]:
```
print("Detect Faces ")

remote_image_features = ["faces"]

detect_faces_results_remote = computervision_client.analyze_image(remote_image_url, remote_image_features)


print("Faces in the remote image: ")
if (len(detect_faces_results_remote.faces) == 0):
    print("No faces detected.")
else:
    for face in detect_faces_results_remote.faces:
        print("'{}' of age {} at location {}, {}, {}, {}".format(face.gender, face.age,face.face_rectangle.left, face.face_rectar
```

```
Detect Faces
Faces in the remote image:
'Male' of age 37 at location 14, 59, 160, 205
```

In [ ]: