Name: Ankita Borde

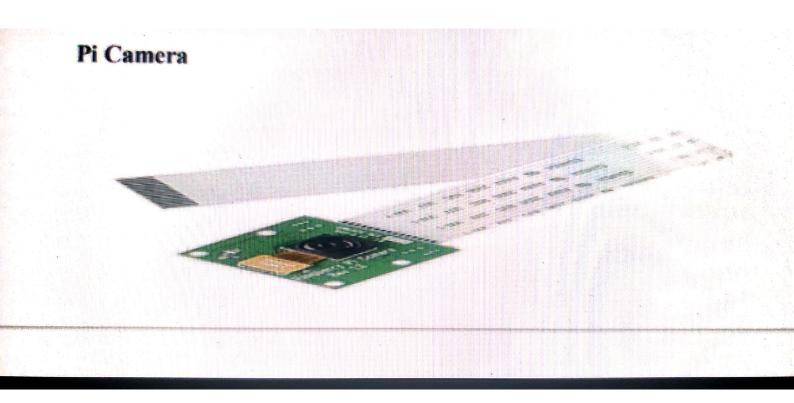
Assignment: 5. TEA 19

Aim: Understanding and connectivity of Rasberry-Pi Beagle board with aumerid write an application to capture and store the image

Rasperry Pi camera module is replaced
the original camera module in april 2016
The camera module cam be used to take
Inigh definition videre as well as stills
shotographs we can read all glory details
about IMX219 Exmore Rbach - uluminated
semsor architecture on sony's website
It supports 1 USOP30 1720P8 0 + VCA 90 as
Still capture.
The carmera works with all models of Rasperr

The commerce works with all models of Raspervy
Pi 1, 2, & 3, 9t can be acess through MMALL
V4L HPL, tree are numerous third party
Libraries built for it.

(amera previewfrom pieamera umport Pil camera
from time umport sleep
camera = Pi (ameral)
camera start preview ()
sleep(10)
camera stop - preview-()



Robating the camera camera rotation = 180 camera start preview () sleep (10) camera stop preview () strong the image Rom picamera umport Picamera grom time import sleep earnerg = Pilameria (camera, stort prévieur () sleeplio camera capture ('/home/Pi /desklop/image ypg') camera-Step-preview () Recreating the vedice umport pi camera hom pi camera from lome import sleep camera = Pi camera () Camera start preview () camera start viecerding ("home | pr / video h 284') sleep(10) camera step recording () camna stop - preview converting and playing vedio The video format need to get converted to MP4 so unistall goal surdo apt-get install grace vider to MP4 MD4 BOX - FP530 - addvedio hz 64 video mP4

Scanned with CamScanner

