## **Cloud Computing Project -1 Design Diagram** Input video Added to queue Redis Camera Queue Module records video on pi Scheduling of input camera start Raspberry PI s3 bucket sends video input to be processed on ec2 Input/Result Motion Sensor motion detects Downloads input video and puts back the result after processing darkent Intruder Polls and checks for messages SQS EC2 Controller schedules to start instances Worker EC2 1 reads input message from sqs reads input message from sqs Worker EC2 2 reads input message from sqs Worker EC2 3 so on ...