CS1904 - ARTIFICIAL INTELLIGIENCE SESSION-01 S. HARSHINI 185001058 a) Face Recognition boused smooth attendance Peaformance: Carpturing, Scanning, power, dada, speed, storage Enveronment: Moving vehicles, light intentities, classicom, & Rotation, Scannor, Data comparator Sensor: 8 canner, Camera, Detector, Movement sensor Performance measure includes este of capturing, scanning thate, comaring data hate, pouler consumption of the device, data mointenance and storage occupied. Einverenment reseasure encludes presponence Enveror word vorener. Capturling details En low leght entensties and faccauses, classecom conditions, Actualous: Retation of device it necessary, Econner for scanning ordetecting faces, comparing captured date & excelling data and updating the attendance database Sensor Encludes detection of forces, scanning with pocession and movement b) ontone autonomous paractoring

System

Performance: Effectory of hardling

In Students, notification,

updation

Environment: Communication channel

Actuators: Update on Store data

Sensors: Cameron/webcam

Performance description uncludes effections,

notifying for unique.

Students. For unique activities of channel.

Actuators include the updation of collected intolunation on a database sensors include comerces for capturing,

c) Rebocup socies competition Performance: Soore, winning team Enveronment: Ball, ground, thembers Actuators. Probots, navegator, camora tensoer: Touch rensoer, ordentation sensor, communecation land, Performance oncludes scores obtained and Enterionment describes the ball used on obots and members or participating Actualors enclude paleticapating elobots that move, nowagator that helps to Sensore anchide touch sensor, ordentative sensor to preedlet the orientation to be changed; communication between repotots of same team of cameras for detection.