

# Robotika: mudah belajar...

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UNIVERSITAS  
ISLAM  
INDONESIA

*VALUES | INNOVATION | PERFECTION*

# Kenalan dengan jenis-jenis robot

ASIMO



# Kenalan dengan jenis-jenis robot

## Medical Robotics



# Kenalan dengan jenis-jenis robot

Mimicking humans



# Kenalan dengan jenis-jenis robot

## Meniru hewan



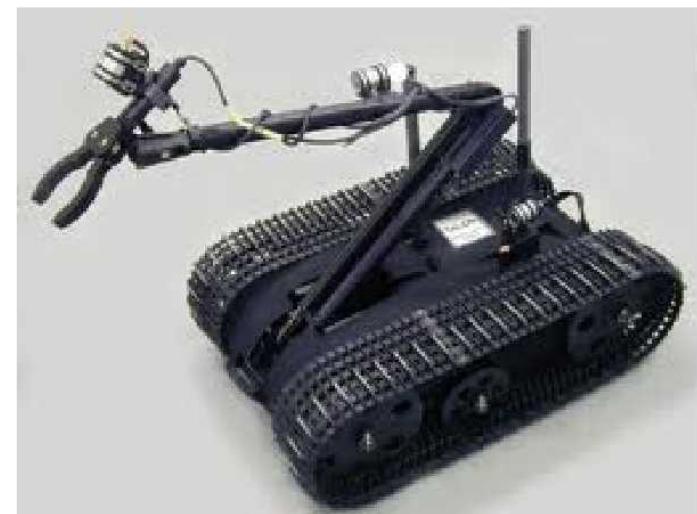
# Kenalan dengan jenis-jenis robot

## Sepak bola



# Kenalan dengan jenis-jenis robot

## Deteksi Bom

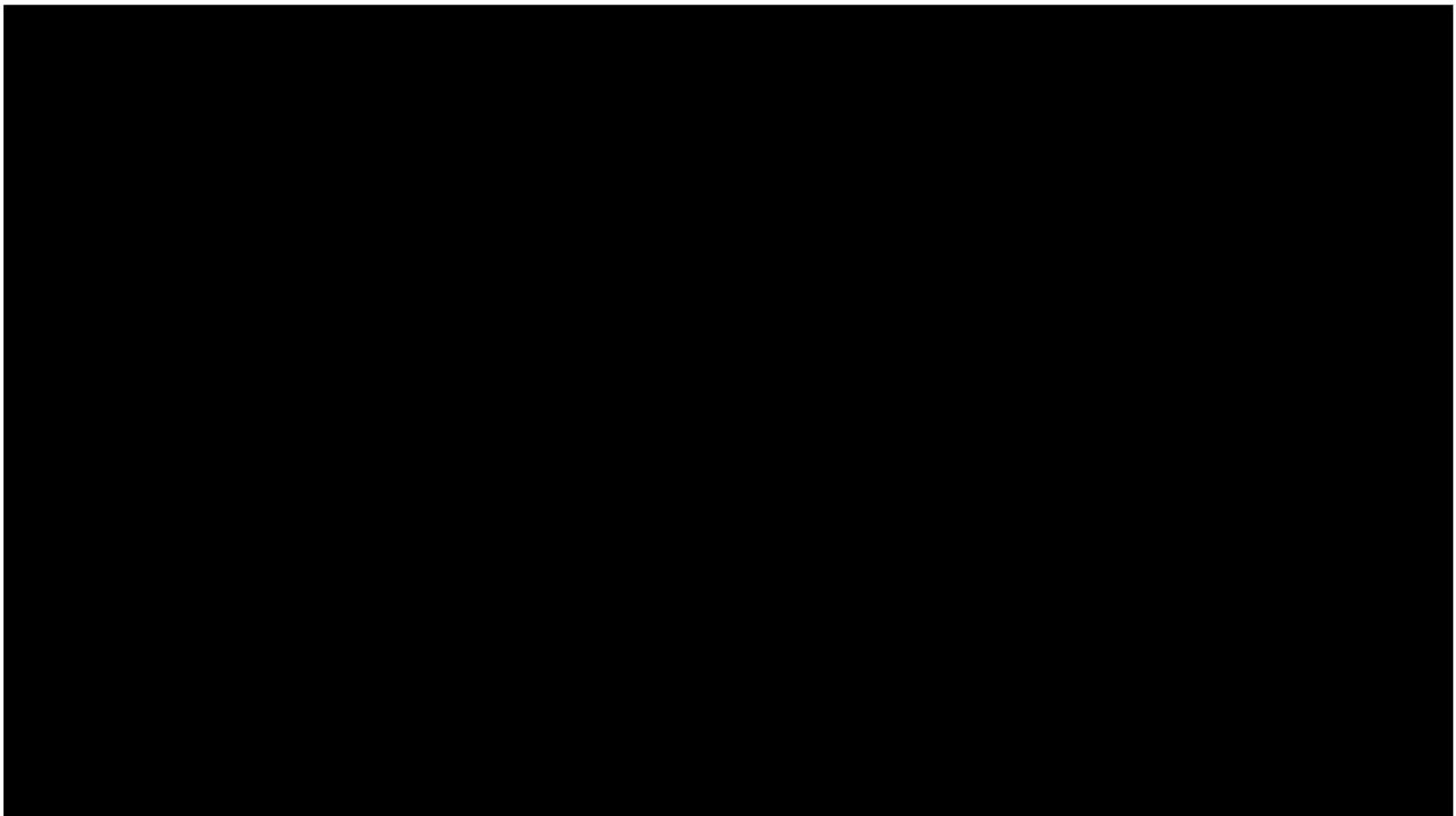


# Kenalan dengan jenis-jenis robot

Pabrik



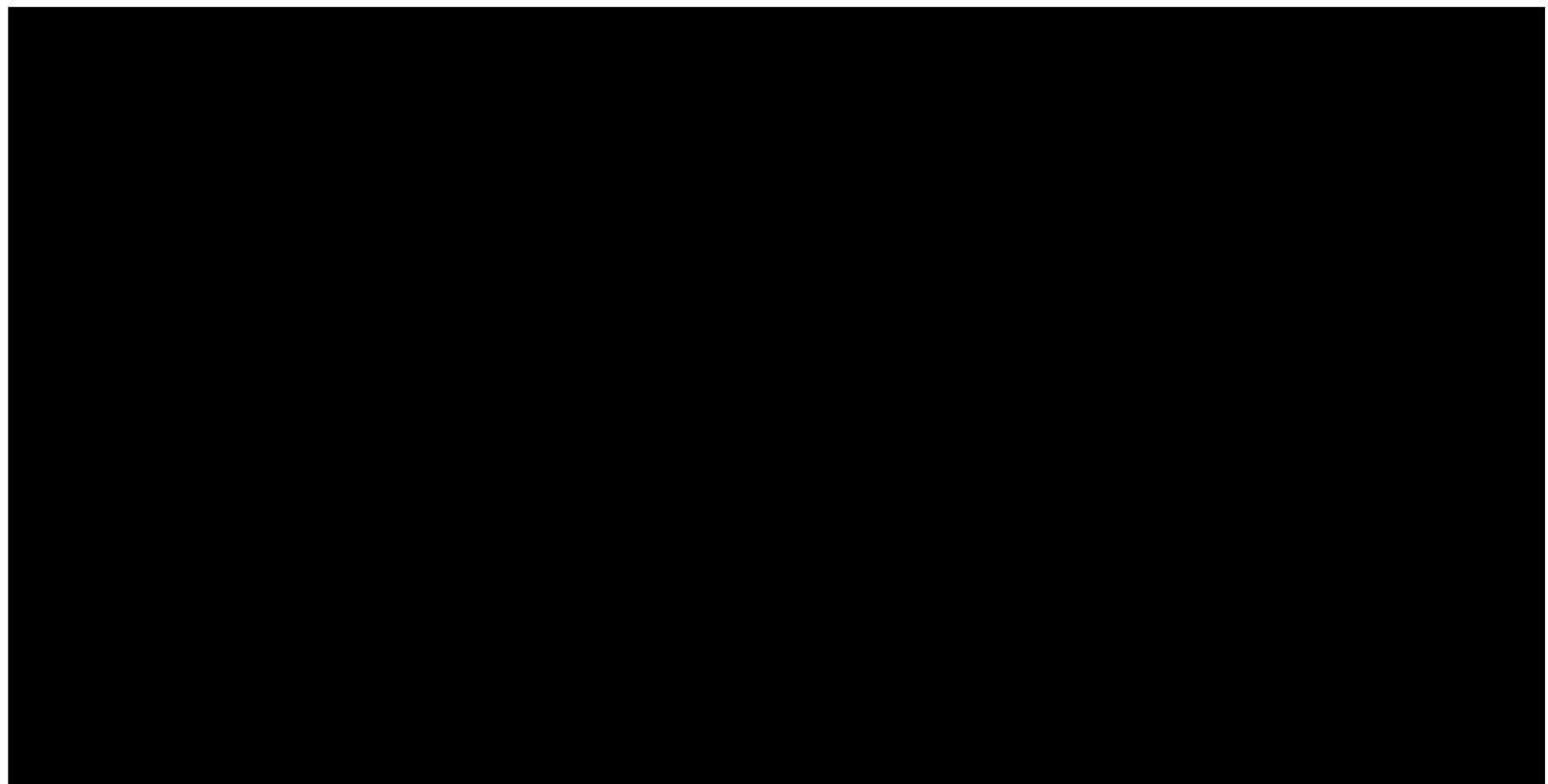
# Sepedaan



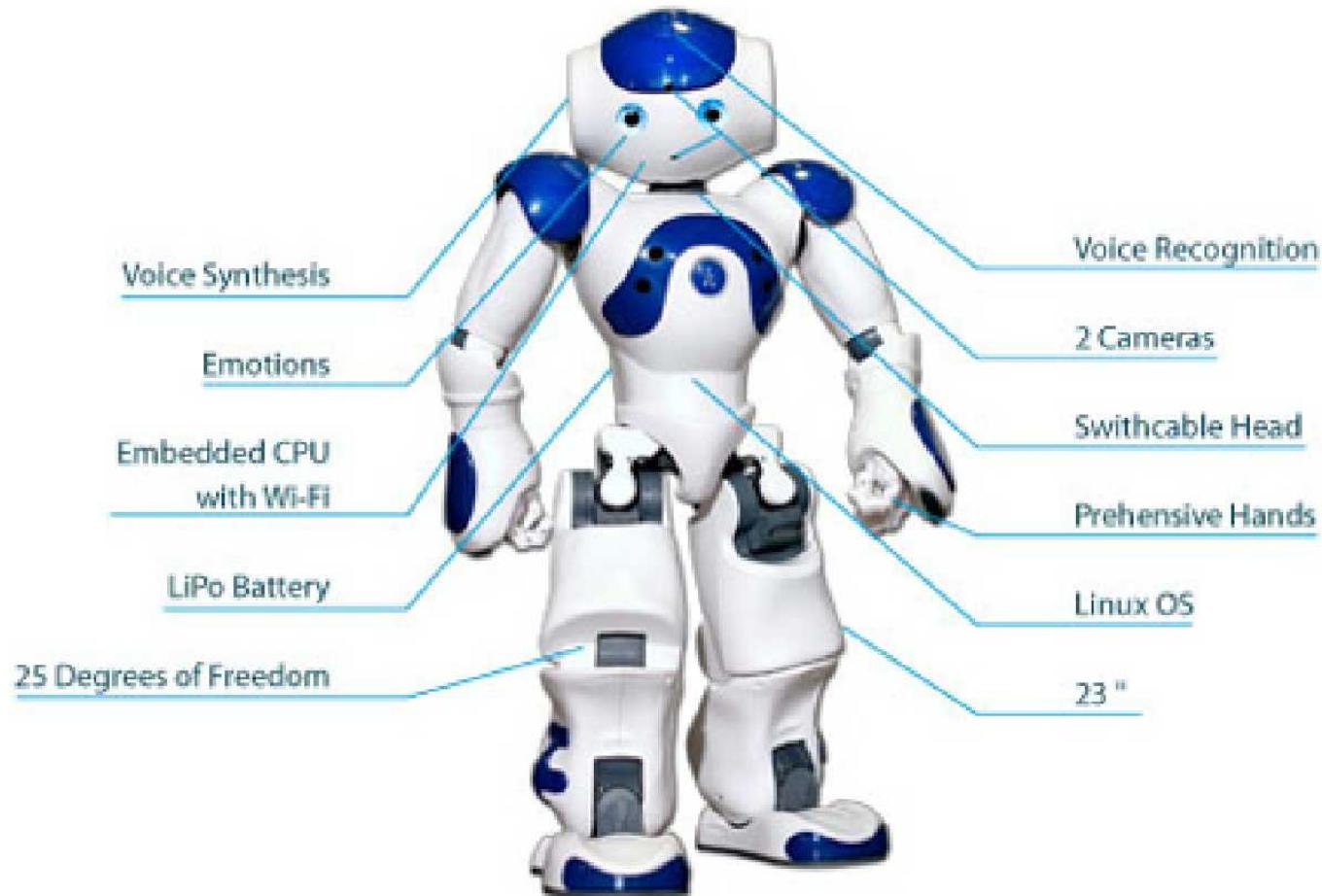
# Jalan-jalan..



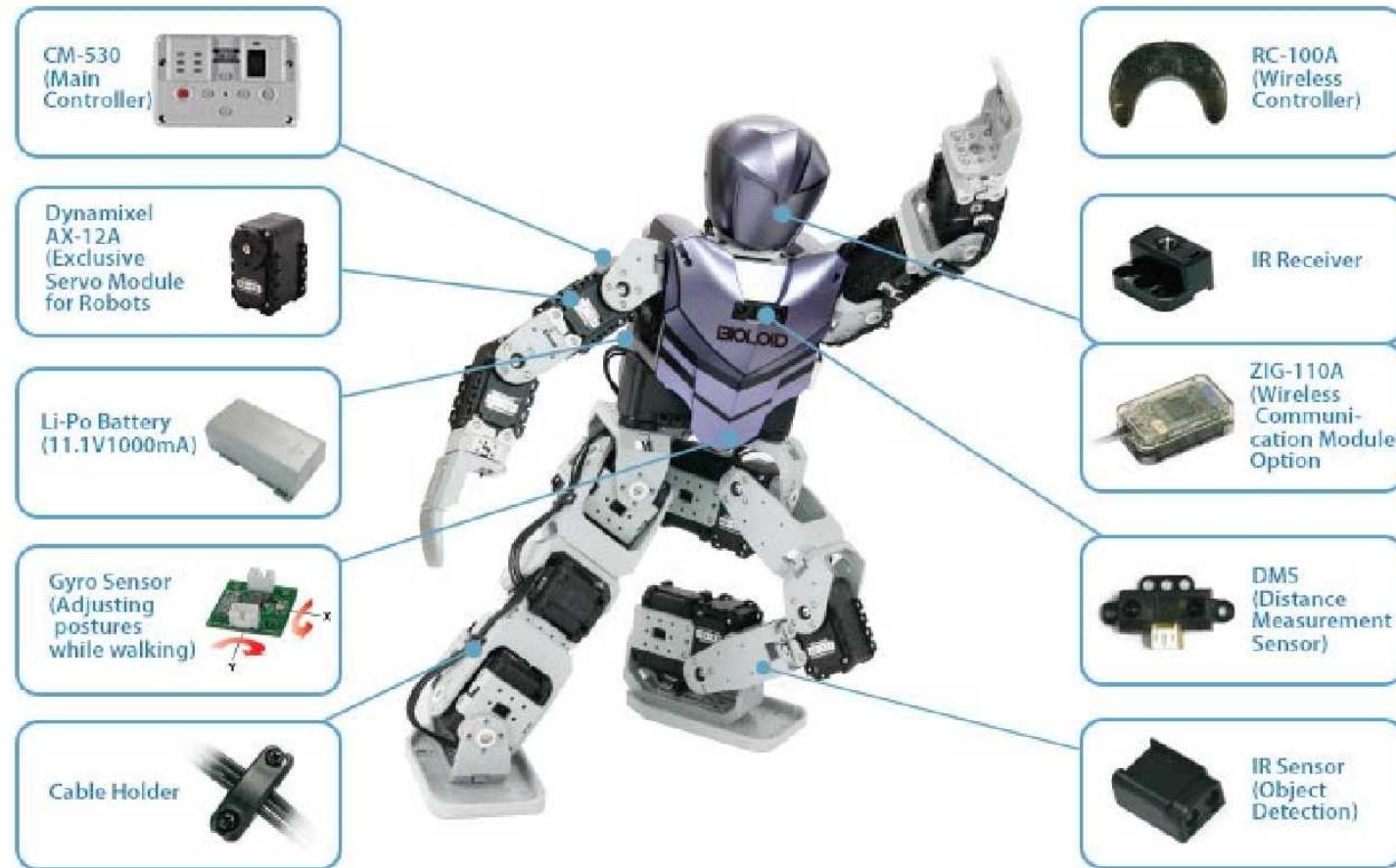
# Menolong orang..



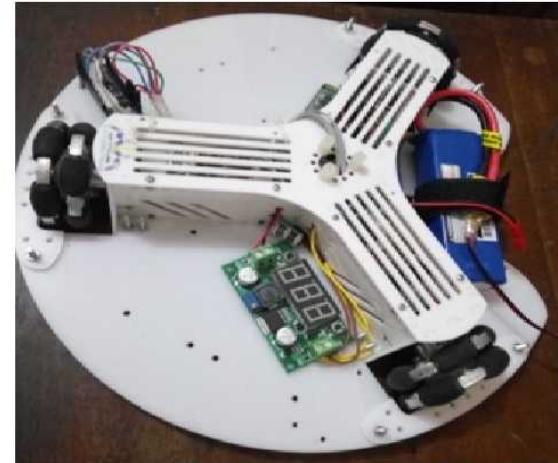
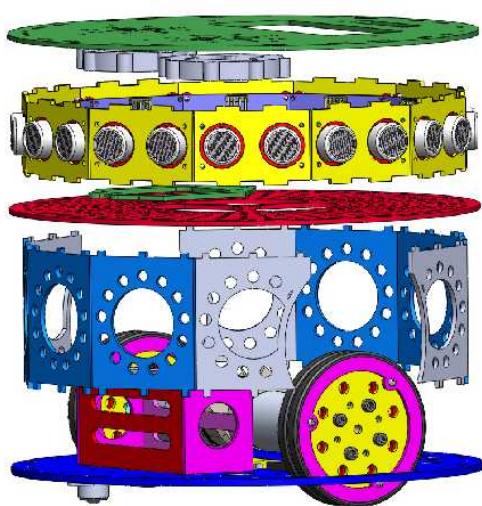
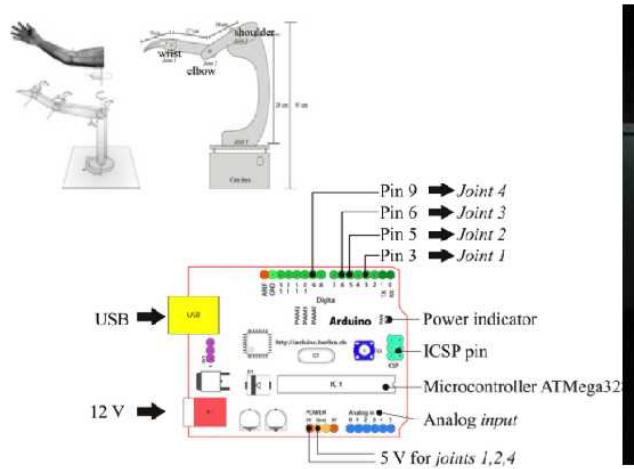
# Robot components



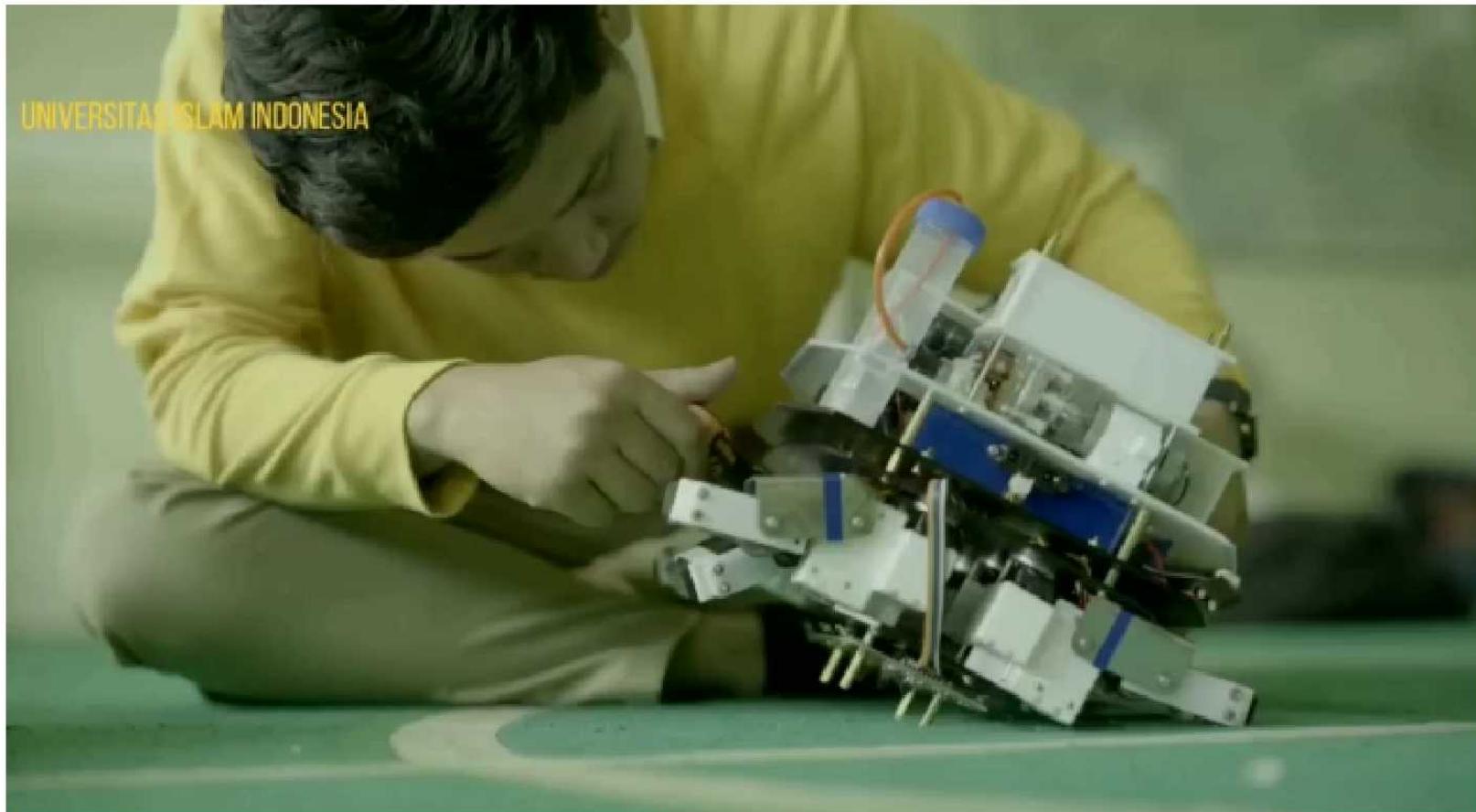
# Robot components



# Elektro UII



# Elektro UII



# System Design: server-client



**Webcam:** capture marker/robot position

**ARToolkit:** processes the image into coordinate

**Client:** translate coordinate from ARToolkit into local coordinate, i.e. robot working space