LITERATURE REVIEW

Following information are found out after reviewing related works

Moving object detection can be done by

- Background subtraction,

- Frame differencing,

- Temporal Differencing

- Optical Flow

For efficient tracking of objects we can utilize

- Kalman filter with fast mean shift algorithm

REQUIREMENTS

HARDWARE

- **Raspberry pi**
- **IR(infrared) Camera**

SOFTWARE

- **Django**
- **Kotlin**
- **Python AI packages**