

Human Action Recognition System

Idealab Project, Electronics & Communication Engg.



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Duration : 1 year (April 16 - May 17)

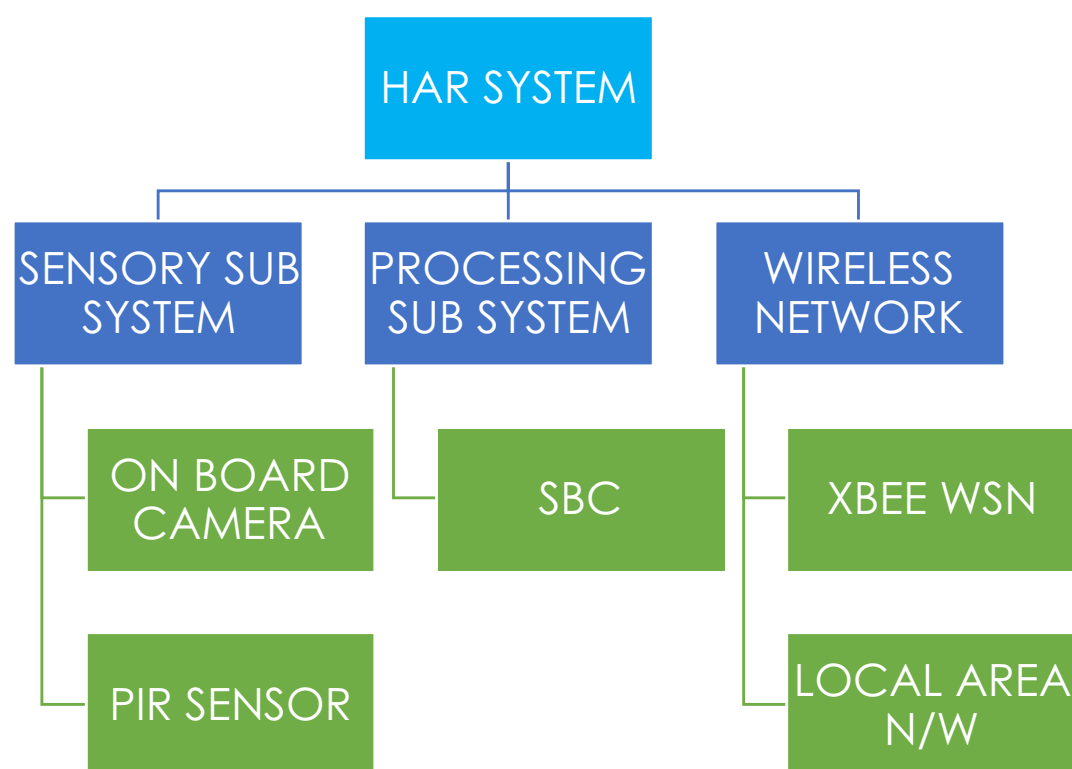
Objective:

To design a real time human action recognition system which searches, tracks and recognizes human actions using image processing and machine learning algorithms based upon the KTH dataset.

Applications:

1. Effective solutions: Surveillance, Sports Analysis, Video Indexing etc.
2. Emergency response: Patient Monitoring, Search & Rescue, Disaster Relief.
3. Civic-Society solutions: Smart Governance, Sign Language Recognition.

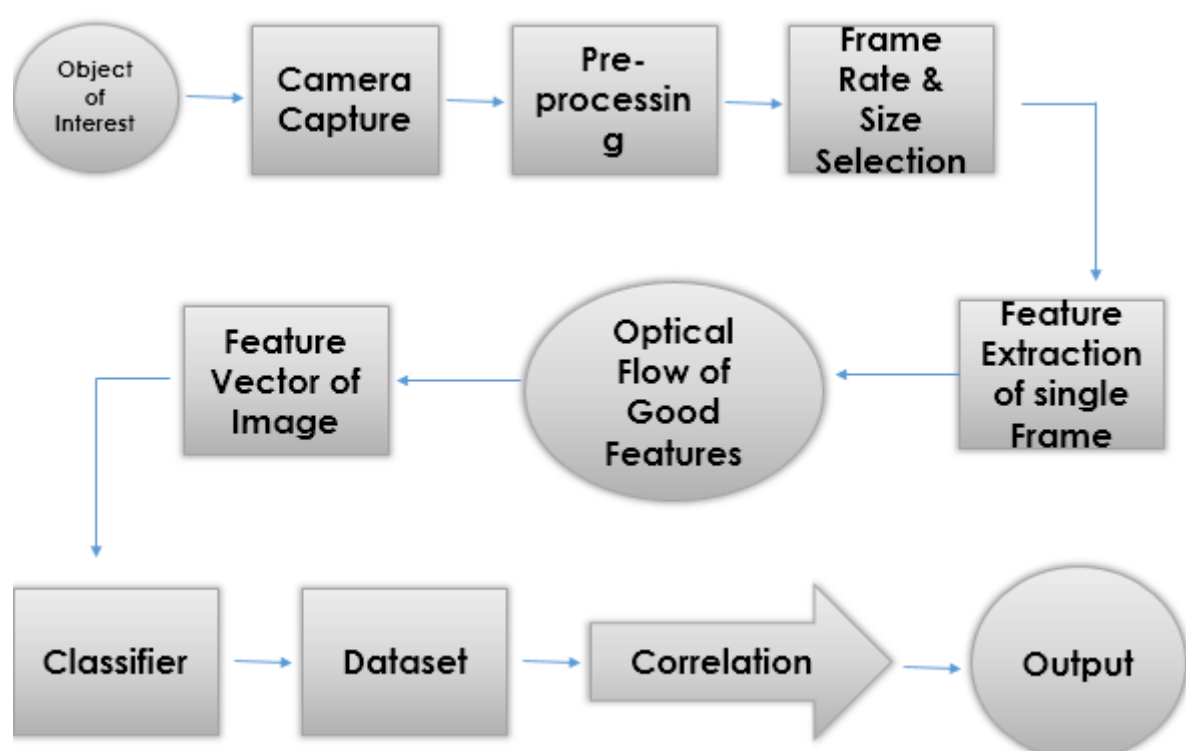
System Description:



KTH actions dataset



System Flow:



Human Tracking

