

Human Pose Estimation: With cricket shots

Project Supervisor : **Dr. G.
Meera Gandhi**

Team Member : **1. Satyam
Purohit**

38110512

Reg.No :

Purohit

2. Shivam

38110684

Reg.No :

Objectives

- To explore Human Pose Estimation (HPE) is a way of identifying and classifying the joints in the human body
- To explore the ways several variants that have made some changes to the network structure for real-time processing on the CPU or low-power embedded devices.
- To propose recommendations on how to detect the human pose while playing and identify their traits or behaviors.

Architectural Diagram

Literature Review

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Modules

The phase of the proposed work

- Collecting the dataset
- The code
- Min-Max Normalization
- The Classification model and Outputs

Module Description

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System Requirements

HARDWARE

REQUIREMENTS:

- System : I3 PROCESSOR
- Hard Disk : 300 GB.
- Floppy Drive : 1.44 Mb.
- Monitor : 15 VGA Colour.
- Mouse : Logitech.
- Ram : 4 gb.

SOFTWARE REQUIREMENTS:

- Operating system : Windows 10/Ubuntu
- Coding Language : python3
- Tool : Virtual Box Oracle

tool/ Chrome/ Mozilla Firefox

- Dependencies :
- tensorflow 1.4.1+

opencv3,

protobuf,

python3-tk

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