

README

INSTALLATION

Folders :

Source code : finalCode.py (python file for human body fall detection)

Test Data: dataset for human body fall: Home_01 / office

You can access the test data using the following link

https://drive.google.com/open?id=1XmsMKq8Cs3F1_SVs0B15SwWDM98fAPZy

Demos and Result: Demo videos for all possible outcomes and Result analysis file

Accuracy Results.pdf

Home_Video001_TrueNegative.mp4

Home_Video003_TruePositive.mp4

Office_Video001_TruePositive.mp4

Office_Video003_TrueNegative.mp4

Office_Video010_TruePositive.mp4

Office_Video021_FalseNegative.mp4

Office_Video026_FalsePositive.mp4

DEPENDENCIES

Python required: 3.6.5

cv2 required:3.4.4

numpy required 1.15.2

matplotlib required 3.0.0

pip install smtplib

pip install email

CODE EXECUTION

A. Open the python file in Source code folder.

B. Update the path of the target video.

C. Execute the python file.