ABSTRACT

Project Title: - Object Tracking

Team Members: -

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Tracking objects in both structured and un-structured environments is one of the most challenging tasks in computer vision and artificial intelligence research. This project introduces a new computer vision-based object tracking for various applications. Object tracking has been driven by increase in power available in both hardware and software. The method uses webcam camera that performs in real time and also provides an image. In this method system keeps learning about the appearance of the object during real time.

It is related to many real time applications like vehicle perception, video surveillance and so on. In order to overcome the issue of detection, tracking related to object movement and appearance. Most of the algorithm focuses on the tracking algorithm to smoothen the video sequence. On the other hand, few methods use the prior available information about object shape, colour, and texture and so on.

Software Requirements: -

Operating System: - Any Graphical OS
Coding Language: - Python
Data Base: - Sqlite3

Hardware Requirements: -

Processor: - Core 2 duo or higher
RAM: - 2Gb or higher
Hard disk: - Minimum 10gb

References: -

Source : https://www.pyimagesearch.com/