

Plagiarism Checker Free | Accu

plagiarismdetector.net

## Plagiarism Scan Report

Check Grammar

Make it Unique

AI Detector

Characters: 6667 Words: 954 Sentences: 30 Speak Time: 8 Min

GO PRO

Deep Search

NO ADS

SUPPORT

Accurate Reports!

Go Pro

- Real-time location detection: The system can process webcam input in real-time with minimal delay in location detection and analysis. Feedback response time (both visual and audio) was less than 1 second, providing users with immediate guidance during exercise. B. Error Detection and Correction The system's error estimation process compared points and angles of the user's body with reference positions stored in the database. Deviations in the user's stance were calculated and corrective feedback was provided. This included both minor adjustments (e.g. limb angle correction) and more significant corrections (e.g. adjustment of overall body alignment). - Common Errors Detected: The system successfully identified common errors such as improper leg or arm placement, torso misalignment, and improper standing balance. For example, in poses like "Warrior II" the system often detected problems with the alignment of the user's knees relative to the ankle, and in "Downward Dog" it pointed out misalignment in spine and shoulder positions. C. Personalization and Customization One of the system's key strengths was its ability to adapt to the user's individual progress. By tracking users' performance over time, the system tailored feedback based on the user's level of experience and physical ability. - Personalized feedback: The system adjusted the difficulty and accuracy of the feedback based on the user's progress. For beginners, feedback focused on broad adjustments, while for more

Download Report

Start A New Search

Check Punctuation

0% Plagiarized

100% Unique

100%

View Plagiarized Sources

20°C Sunny

10:12 14-11-2024

Plagiarism Checker Free | Accu

plagiarismdetector.net

## Plagiarism Scan Report

Check Grammar

Make it Unique

AI Detector

Characters: 6644 Words: 998 Sentences: 30 Speak Time: 8 Min

GO PRO

Deep Search

NO ADS

SUPPORT

Accurate Reports!

Go Pro

B. Proposed System The proposed yoga posture training system addresses several limitations of existing systems, which often rely on simplified posture detection techniques or lack personalized real-time feedback. 1. Real-time feedback: Unlike traditional yoga apps that only provide instructional videos or static corrections, the proposed system offers real-time dynamic feedback by constantly analyzing the user's movements. Existing systems often do not provide immediate corrective guidance, leading to poor posture. 2. Position accuracy: Many current solutions struggle with accurate position recognition, especially for different body types or camera angles. Our system improves pose classification by using advanced ML models (e.g. CNN or RNN) trained on complex datasets, ensuring higher accuracy in detecting correct and incorrect poses. 3. Personalization: Existing systems typically provide universal feedback regardless of individual body differences or progress. In contrast, the proposed system adapts over time to each user's physical abilities and performance, offering customized guidance and tracking enhancements. 4. Error detection and correction: While some systems can detect basic errors, they rarely provide detailed and actionable corrections (eg, specific joint angle adjustments). The proposed system calculates detailed deviations in joint positions and angles and offers accurate real-time corrections for better alignment and safety. 5. User Engagement: The proposed system

Download Report

Start A New Search

Check Punctuation

3% Plagiarized

97% Unique

100%

View Plagiarized Sources

100% Plagiarized Content

Air: Very poor Now

10:07 14-11-2024

Plagiarism Checker Free | Accu

plagiarismdetector.net


# Plagiarism Scan Report

Check Grammar

Make it Unique

AI Detector

Characters: 6868   Words: 994   Sentences: 27   Speak Time: 8 Min



Deep Search

NO ADS

SUPPORT

Accurate Reports!

Go Pro

0%  
Plagiarized

100%  
Unique


100%

View Plagiarized Sources

Abstract - The developing popularity of yoga coupled with improvements in generation has led to the improvement of automatic structures geared toward improving the gaining knowledge of and practice of yoga poses this paper proposes a yoga pose coaching machine the usage of system gaining knowledge of ml to offer actual-time remarks and personalized steerage to customers the device makes use of computer vision and deep gaining knowledge of techniques to research a consumers frame posture for the duration of yoga exercise and compare it with predefined best poses via pose estimation algorithms and skeletal monitoring the system identifies discrepancies in alignment balance and form providing corrective hints. key phrases: yoga pose estimation machine getting to know, actual-time feedback, computer imaginative and prescient, personalized education I.


INTRODUCTION Yoga is an ancient practice that has gained worldwide recognition for its physical, mental and spiritual benefits. With the growing acceptance of a healthy lifestyle, yoga has become a popular activity for people looking to improve flexibility, strength and mental well-being. However, one of the challenges of practicing yoga is achieving proper alignment and posture in each pose, which is critical to maximizing benefits and preventing injury. Yoga instructors traditionally provide students with hands-on guidance and feedback on proper posture during one-on-one classes. However, in the digital era, the demand for

Download



Learn More

News for you  
IAF fighter jets s...



ENG  
IN

10:02  
14-11-2024