Capstone Design Project

**Dance learning application utilizing pose estimation**

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Spis treści

[aaaa 3](#_Toc148352659)

[www 3](#_Toc148352660)

# Project description

Today, many people are interested in dance and decided to practice it with tutorials that can be found on the Internet. However, these tutorials do not provide the necessary feedback to continue training properly. The idea of the project is to create an application whose primary purpose is to provide a review of the performance of the user-dancer compared to a given recorded video, using the recording of the user’s dance and image processing. This application aims to allow dancers to get computed-generated feedback, a missing part of video tutorials, and an excellent opportunity to improve their skills quickly. With our application, dancers can become self-learners while still having objective performance feedback. Dancers can achieve more with our application than with only video tutorials.

# Achieved goals

# Back-end

[…]

### OpenCV

Obraz zawierający tekst, zrzut ekranu, linia, diagram

Opis wygenerowany automatycznie

### Scoring system

Obraz zawierający osoba, ubrania, Taniec, Łokieć

Opis wygenerowany automatycznie

# Front-end

[…]

### Choreographies

[…]

### Testing

[…]

# Overall output

# Challenges

# What is next?