Presentation script

Slide 1

Hi my name is Muna and my name is \_\_\_\_ and we’ll be presenting for Team 1.

Slide 2

We have been tasked by Arthur Murray Dance Studios to create a fair, reliable system for judging professional dance competitions… so essentially a prestige version of Just Dance.

The main requirement for our project is to produce a full 3D rendering that can be viewed and played back from multiple angles.

Our proposed solution, after a lot of research, is to merge skeletal data from multiple Kinects and then package it into a unity application that reproduces the data as a 3D model with extra functionalities.

\_\_\_\_\_ will now explain the current state of our project and our hopes for the future.

Slide 3

We have developed an algorithm that deals with the merging of multiple Kinects, by using matrix transformations. However, we still need to consider how we go about disregarding outliers due to the potential for bad data from the kinects. Our aim for the future is a system that can do this and to also extend our solution to produce an automated comparison between a perfect dance model and recorded dance model. To essentially create a fair, reliable system for judging professional dance competitions.

Thank you for listening.