Challenge Task 5

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The goal of this challenge task is to detect right hand raised and left hand raised:

To achive this task the following two methods are added to GestureRecgnitoinEngine:

private void MatchLeftHandsRaisedGesture(Skeleton skeleton)

{

if (skeleton == null) { return; }

float threshold = 0.3f;

if (skeleton.Joints[JointType.HandLeft].Position.Y >

skeleton.Joints[JointType.Head].Position.Y + threshold)

{

if (this.GestureRecognized != null)

{

this.GestureRecognized(this, new GestureEventArgs(GestureType.LeftHandsRaised, RecognitionResult.Success));

}

}

}

private void MatchRightHandsRaisedGesture(Skeleton skeleton)

{

if (skeleton == null) { return; }

float threshold = 0.3f;

if (skeleton.Joints[JointType.HandRight].Position.Y >

skeleton.Joints[JointType.Head].Position.Y + threshold)

{

if (this.GestureRecognized != null)

{

this.GestureRecognized(this, new GestureEventArgs(GestureType.RightHandsRaised, RecognitionResult.Success));

}

}

}

Here are screenshots of my app:

