

Programming Assignment 2 - Creating an Emotion Aware Character in Unity using Affectiva

Due: Friday March 3rd 2017 11:59pm

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1. Carry out the tutorial 'Creating an Emotion Aware Game in Affectiva's Unity SDK' (40 points):
https://docs.google.com/document/d/1AuGSdwD6uEWr0ok_pTOQNF57vdBnhZPDZignjYZvqB4/edit?usp=sharing

The methods Update(), setIdle(), setJoyful(), and setSad() can be left blank for this part. You will be finishing them in Question 2 below.

2. Finish the code by doing the following:

a. Finish the Update() method (20 points).

b. Finish the setIdle(), setJoyful(), and setSad() methods (20 points).

Please see the tutorial for more details under the section 'Question 2 - Finishing the Code'.

3. Add to your code to make your character move in response to emotion. The character can move in anyway way you wish. For example, it can jump up when joyful and come back down when sad or idle (20 points).

You will need to do some research to find out how to move characters in Unity. The first tutorial in Unity, called 'Roll-a-ball tutorial', will tell you how:

<https://unity3d.com/learn/tutorials/projects/roll-ball-tutorial>

4. Extra Credit:

Add a new emotion to your project (other than Joy or Sadness) which you can access from your code (5 points).

Do something new and creative with your character in response to this new emotion (15 points).

You can look through Unity Tutorials for help:

<https://unity3d.com/learn/tutorials>

This is your chance to do something that really interests you and have fun with it!

Deliverables:

Upload your project onto Github without the Affdex package.

Assets -> Export Package ->

*Under 'Items to Export', **uncheck Affdex** otherwise the file will be too big for Github's maximum file size limit.*

Please put your name in the unitypackage file.

Upload your unitypackage file to Github.

Make sure your repository is private. You can create private repositories for free with a student account. You will need to sign up to this package to get free private repositories:

<https://education.github.com/pack>

Share your repository with BesteFiliz and carlosd93 and toropeza.