15112 Deliverable #0: Siyu Chen. . . AndrewID: siyuchen

ideas of 15112 term project.

Project Proposal:

Project title: Drawing and Playing:

In my project, what I want to do is to combine a motion recognition with an art game developed by yourself.

The how process of the game is like: you use your hand or a dot to control the item on the screen. Then the item will finish different tasks. 1: it will draw the player and the enemies and the bonus items on the board, and store it in the game. 2:it will give you the chance to draw the playing map by yourself, like the buriers and the sections you need to avoid and where you can hide to protect you from enemies. 3: when you are playing the game, you can control the player by moving around the whole screen.

What I want to use in my project is OpenCV,pygame and webcame, which will combine the game part the control recognition part.

Webcame is used to get control from the realtime video. And Pygame will help to develop small games. This is a platform for self design and self playing game.