Mimic

NMLab 2012 Fall Final Project Proposal

Presented by
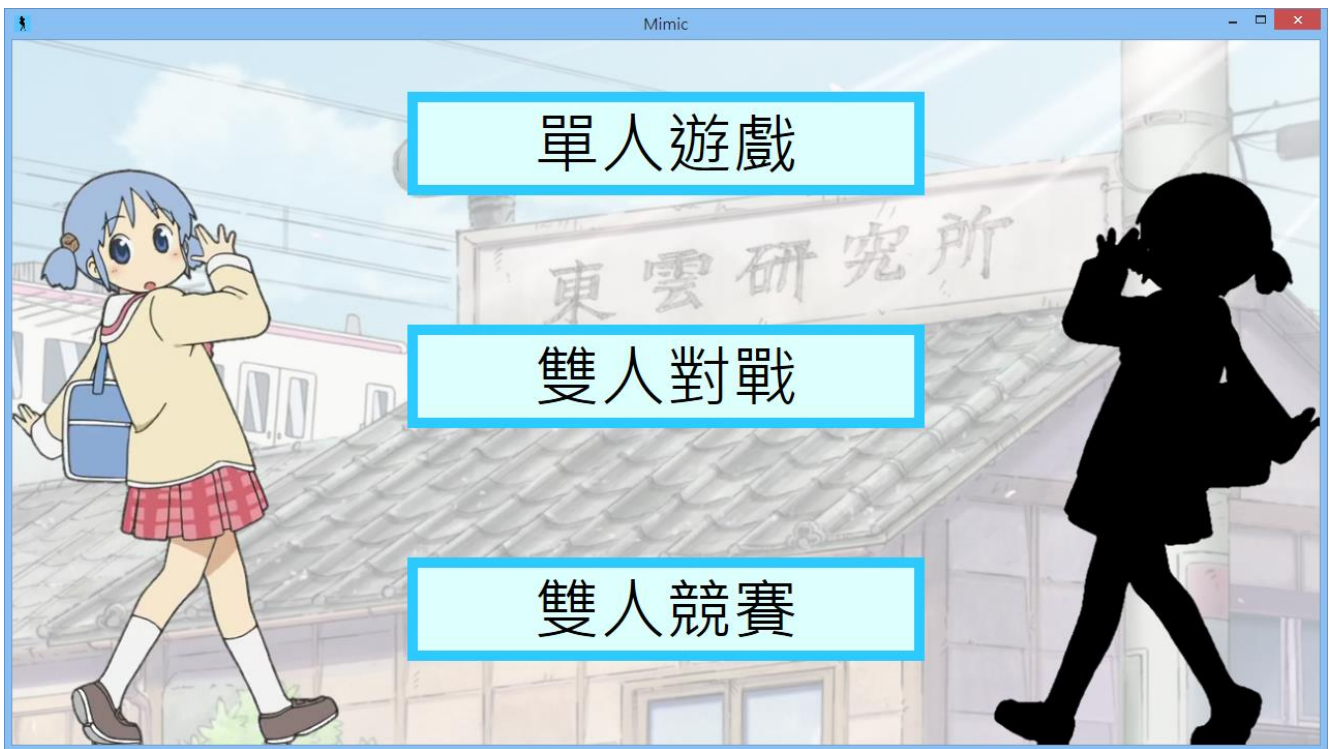
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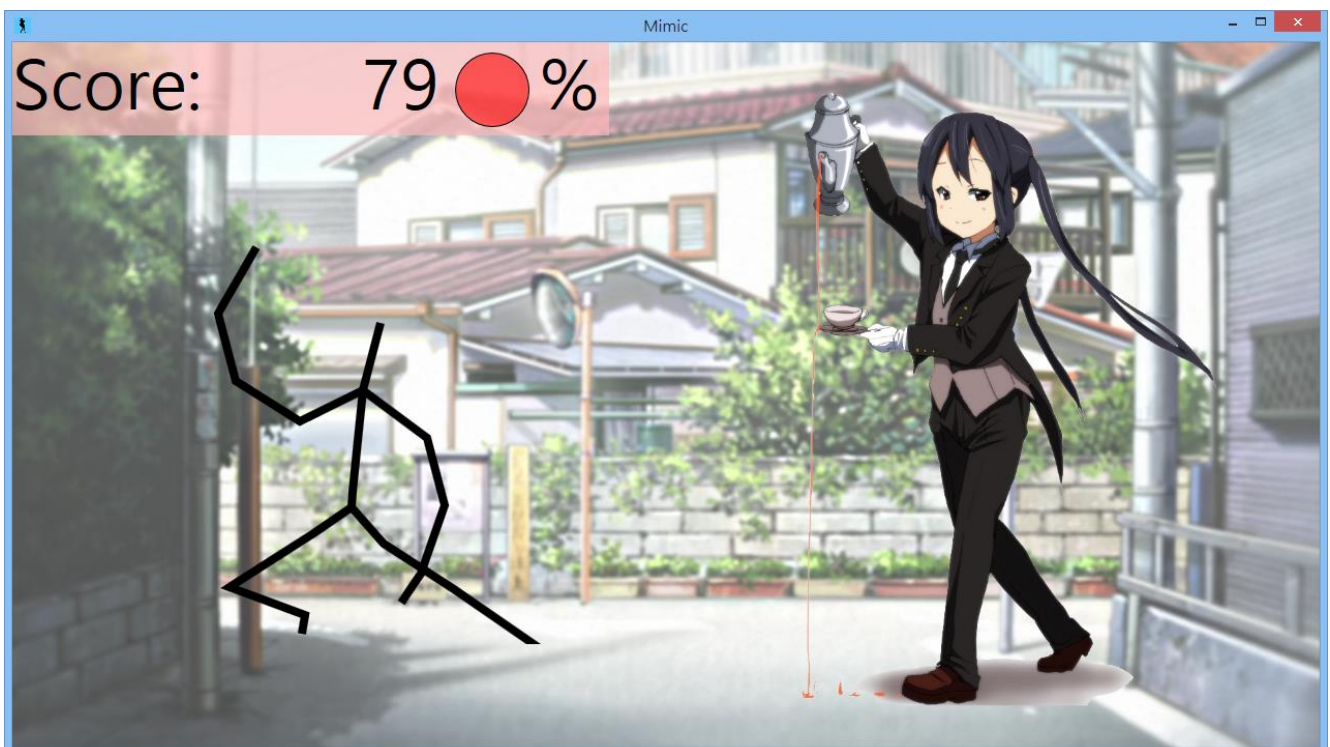
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1. What is "Mimic"?

"Mimic" is a computer game using Kinect sensor. Player(s) are able to play the game using their body instead of by using keyboard or mouse. The main idea of the game is that player(s) has to imitate the specified figure in a picture or the pose made by the other player.

2. How to "Mimic"?
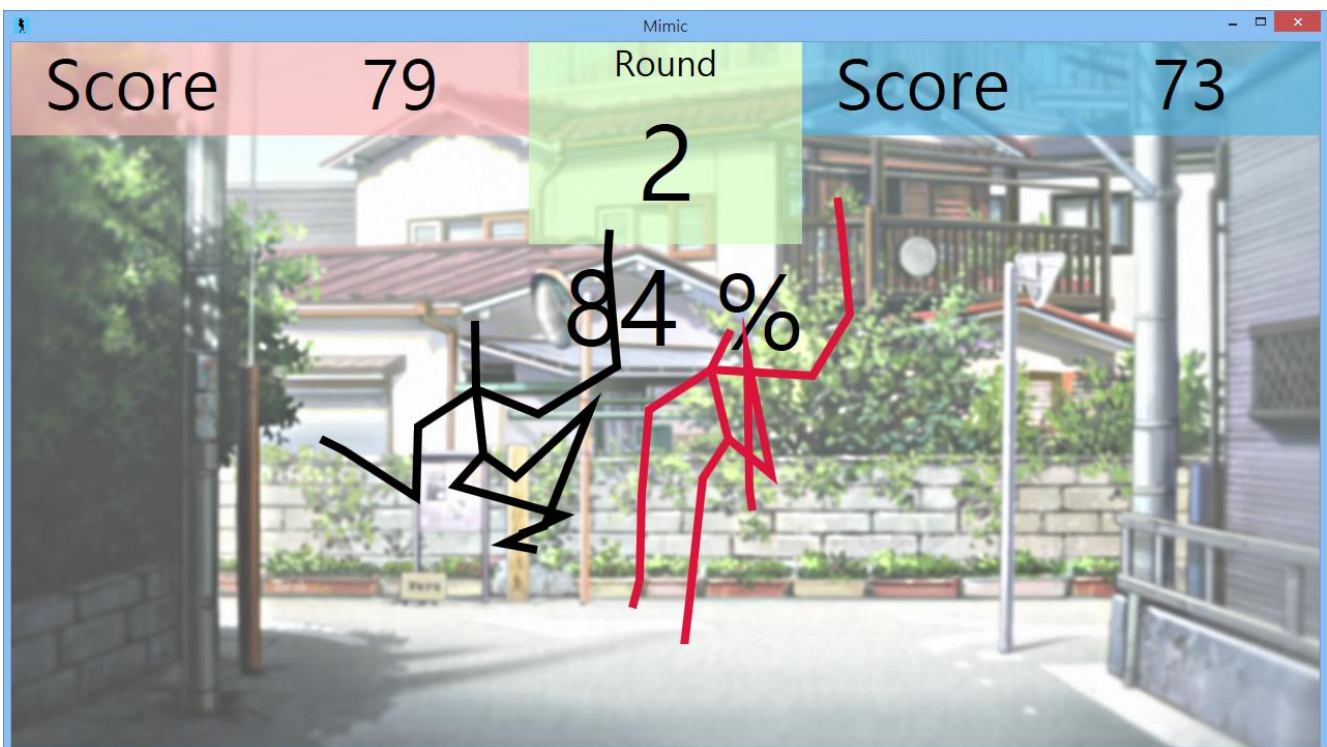

There are three modes available in "Mimic": " Single Player Mode",

"Multiple Player VS Mode" and "Multiple Player Race Mode".
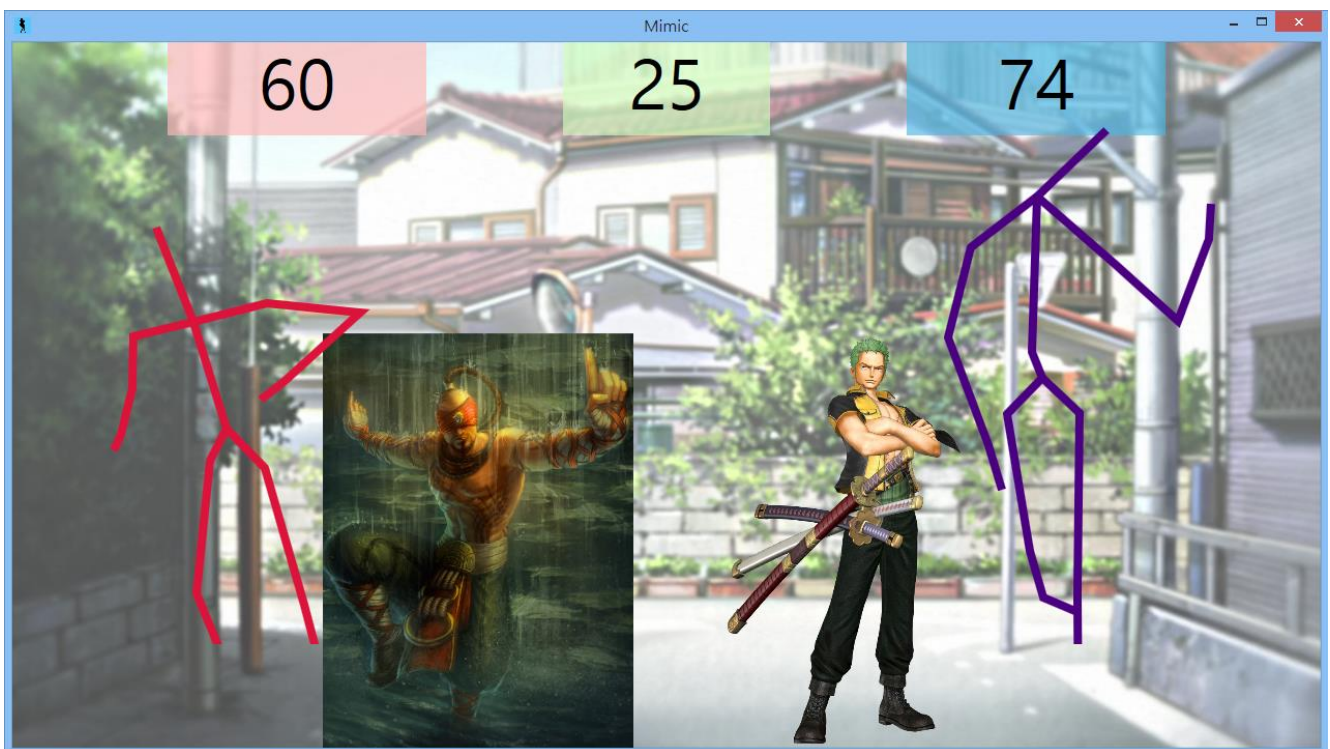
a) Single Player Mode

In Single Player Mode, player have to imitate the person in the picture. While

similarity is higher than a value, another picture will be shown. Five pictures are

included in a round of Single Player Mode.

b) Multiple Player VS Mode

Multiple Player VS Mode is only available while there are two players and both

of them are captured by the Kinect sensor. Players generate problems for each

other, and solve them. There are three rounds, each round includes both

players' question generation.

c) Multiple Player Race Mode

Multiple Player Race Mode is only available while there are two players and both of them are captured by the Kinect sensor. Each player has ten pictures to imitate, while similarity is higher than a value the next picture will be shown. The one who finished the ten pictures is the winner.