

Software Methods and Tools

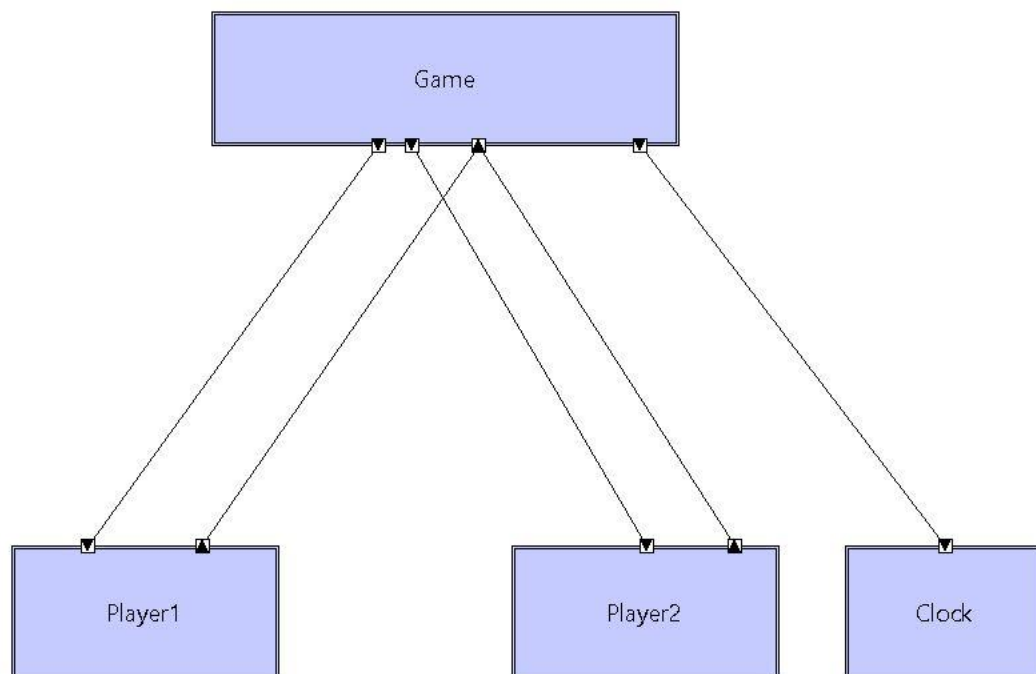
Fall 2016

Assignment 5

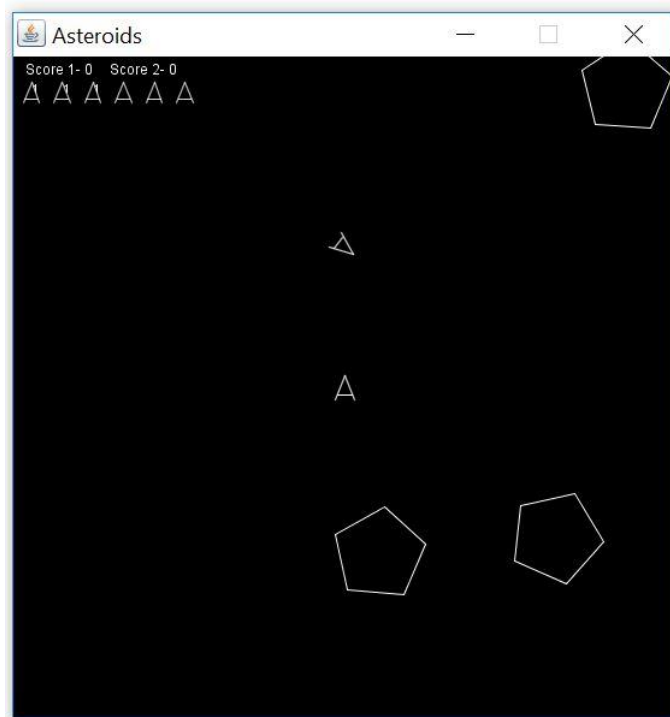
Re-write the Asteroids video game in ArchStudio. The new game must meet the following requirements.

1. The application has an explicit architecture model that includes at least **FOUR** connected components. Inclusion of connectors is optional.
2. Each component has defined interfaces, and communicates with other components through the interfaces.
3. The application can be run in ArchStudio AIM Launcher from its architecture.
4. Your final product should be a **two-player** Asteroids game. (15 points).
 - a. Each player has their own spaceship, key control, and score.
 - b. Two players work together to fight against moving asteroids.
 - c. The game ends if both players die.

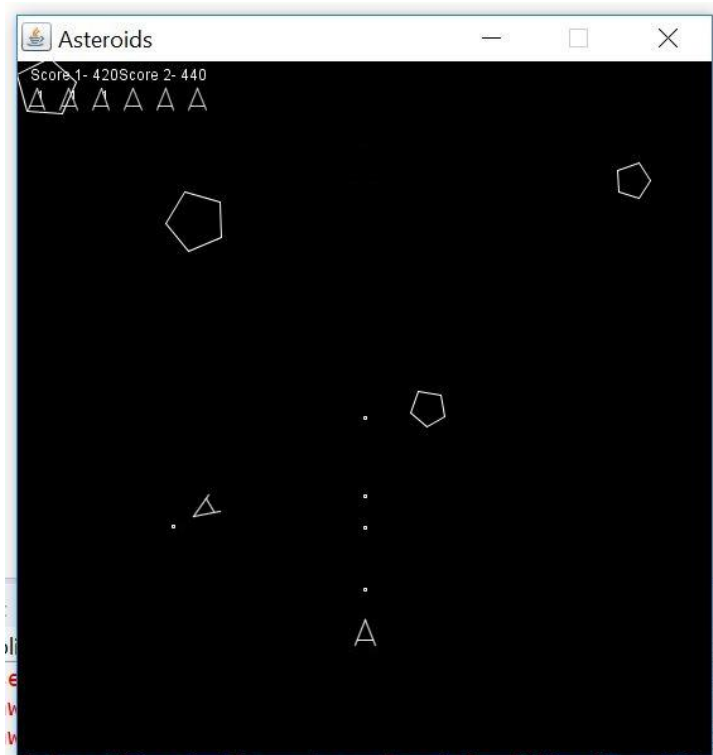
[Architecture created in ArchStudio:](#)



Initial Screen on starting arch.xml in AIM Launcher with two players :



Game screen with two bullets :



Final Game Screen :

