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Date: 2017.9.25

Sprint Number: 1

Reviewed File: ItemSpriteFactory.cs & StarSprite/CoinSprite.cs

Author of Reviewed File: Haobin Xu

Review Time: 20 min

Code Quality:

The classes are in high cohesion because the ItemSpriteFactory.cs only focuses on handling the basic information of all item sprites’ information.By doing so,the width and height of each small sprite can be precisely calculated instead of creating a magic number. StarSprite.cs is only responsible for concrete implementations of star sprite changes. And almost all of the sprite classes have the same structure and similar implementations, which is well organized.

Flexitiblity to Hypothetical Change:

Some constructions in ItemSpriteFactory.cs such as CoinAnimation2 have no upstream public or protected callers, which is not a good practice. Everything in the class should have at least 1 references in order to improve code quality.