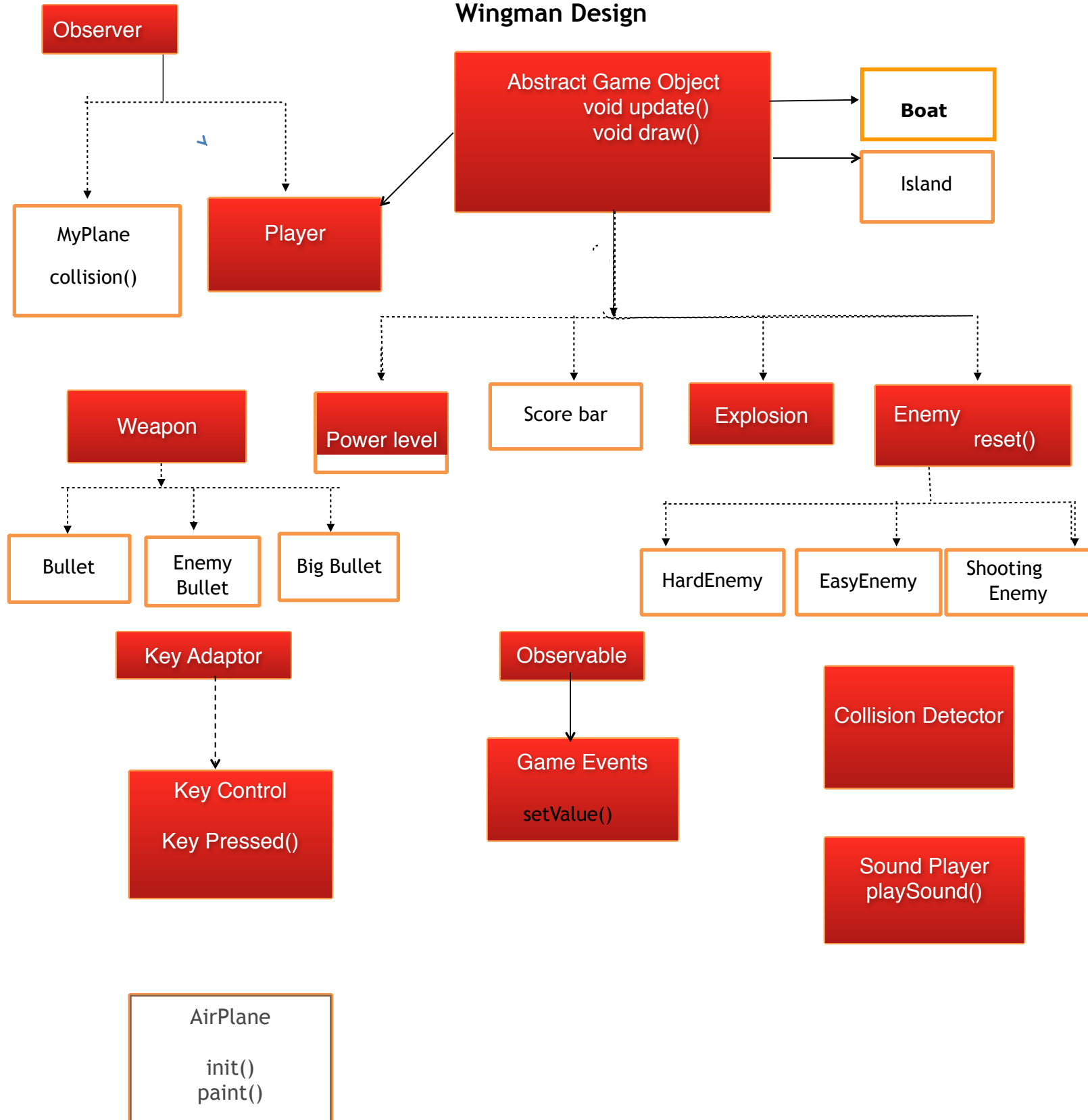
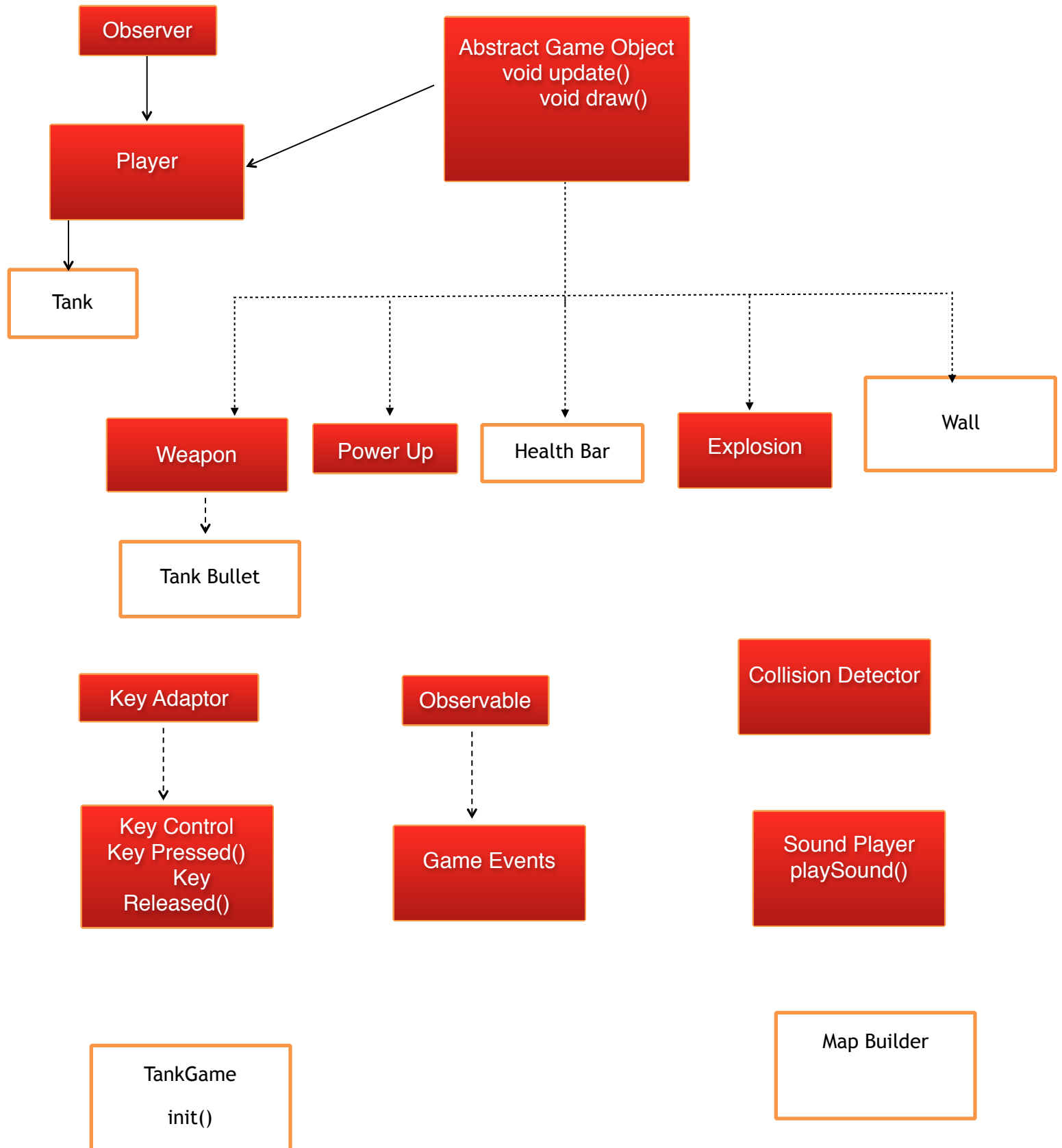


Wingman Design



Tank Game



CLASS DESCRIPTION

WINGMAN GAME:

- MyPlane- initialises variables and objects;runs main game.
- Player- is an interface that controls the two planes, shoots bullets and can collides with enemy bullets and planes.
- GameObject- This is an abstract class that defines draw() and update() method which is implemented by its subclasses
- Boat - draws boat in the background of the game screen.
- Island- draws islands in the background of the game screen.
- ScoreBar-displays player's score and number of lifes.
- Bullet-different types of bullets created: enemy and player bullets.
- KeyControl-detects when keys are pressed and released.
- GameEvents-detects when and event occurs in the game.
- Enemy-different types of enemies created: come from behind, stronger, diagonal bullets,etc.
- Explosion-displays explosion image and plays sound when player or enemy dies.
- SoundPlayer-This class gives the background music in the game and also the music when an event occurs. For example when a collision takes place. It implements playSound() method.

TANK GAME

- Wall- has a lifetime and dissappears after taking certain number of bullets.
- MapBuilder- This class is used to show the map of the layout to the player. It implements the buildMap() method.

REUSABLE CLASSES:

- Observer
- GameObject
- Player
- Weapon
- PowerUp
- Explosion
- Enemy
- KeyAdaptor
- KeyControl
- Observable
- GameEvents
- CollisionDetector
- SoundPlayer