Design Diagram Asteroids.

Sprite

Vector

Asteroid

Rectangle

Start the game and do all the required setup with position, rotation and velocity.

Controls rotation and velocity of spaceship and asteroids.

Setup background images, audio, video.

Sets the border for the asteroids and spaceship so that it detects the overlapping of the border of the objects and detects collison

Restart

Once the asteroid touches the spaceship, or all the asteroids are destroyed, the game will be concluded.

Reset the Game again with required setup after clicking restart button.