Owns
Is Owned By
Owns
Is Owned By

Human Player
Token Count
Time To Take Turn

Computer Player
Token Count
Time To Take Turn

Token

Change Colour
Field
Field
Field

1

0..

1

1

Has (H to R)

Has (C to R)

Is Owned By (R to H)

Is Owned By (R to C)

1

1

1

1

GamePlay
Easy Setting
Hard Setting

1 Has 1

Is Used By

Who Goes First
Field
Field
Field

Robot Colour
Field
Field
Field

4..8   Is Associated With   1
Can Have

Robot

Interacts With
Uses

1

Game Board
Number of squares

Taking Turn
Field
Field
Field

1

Is Associated With | Can Have

4

Robot Movement
Field
Field
Field

Uses
Is Used By

1

Game Board Orientation

1

Uses

1

Uses

Is Used By

Is Used By

Identify the Winner
Field
Field
Field

0..1

0..1

Simple Orientation
Field
Field
Field

Complex Orientation
Field
Field
Field

Make pretty near final
version.

Add Composition/Aggregation Later

Diagonal Barrier
Effect On Movement
Colour

Gray Line Barrier
Effect On Movement

Gray Corner Barrier
Effect On Movement

Robot Square
Square Colour
Field
Field

Grey Square
Square Colour
Field
Field