

CluedoGame

- Load Board & Users
- Manage the LUI.
- Controls game play

- Board
- Users
- LUI

Board

- Generate Characters, Cells, Weapons and Rooms.
- Update Character, Cell and Weapon and Room information.
- Store Position of Character, Cell and Weapons.

- Character
- Cell
- Weapon
- Room.

User

- Store User information. Ie, name, number.
- Store User Character choice.
- Store a hand of Cards and observed Cards. (Both Sets)

- Character
- Card

Abstract

Card

Character, Weapon, Room

- Store Card Name

Character

Card

- Store Character information. Ie, name, position, user

- Cell
- User

<div>Weapon</div>		Card
<ul style="list-style-type: none"> Store Room weapon is in. 	<ul style="list-style-type: none"> Room 	

<div>Room</div>		Card
<ul style="list-style-type: none"> Store Cells and Weapon it occupies. 	<ul style="list-style-type: none"> Cell Weapon. 	

<div>Cell</div>		
<ul style="list-style-type: none"> Stores its Position on Board, and any Character on it. Knows its type, and any relevant information. Ie, RoomType -> Room. Knows its Neighbour Cells. 	<ul style="list-style-type: none"> Cell Room. 	

<div>LUI</div>		
<ul style="list-style-type: none"> Act as an interface between real Users and Game controls. Ie, Retrieve relevant input. Display game information to users. 	<ul style="list-style-type: none"> CluedoGame. 	