

## Cluedo

- Initialise the game
- Find out how many players are playing
- Keep track of player's turn
- Run through each turn
- Keep track of all the cards

- All other classes

## Board

- Track locations of other objects (specifically character, room, tiles)
- Drawing the board

- Card
- Player
- Tile

Abstract

## Room

- Holding a room description
- Knowing which tiles are in that room
- Will know which players are in the room
- Allow the player to make a suggestion

- Tile
- Board
- Cluedo
- Card
- Suggestion
- Player
- RoomCard

## Tile

- Knowing which room its in
- Knowing whether or not the side of the tile is passable

- Room
- Board

## Player

- Know what character the player is
- Keep track of location
- Make suggestions
- Draw themselves into the gui?

- Cluedo
- Board
- Tile
- Room
- Card

## Suggestion

- Hold a collection of 3 cards, specifically one room, one weapon, and one character card
- Hold the information about who murdered Mr Black, and with what
- Be comparable with other suggestions (have an equals())
- Have a contains() method
- Know whether it's a suggestion or an accusation

- Cluedo
- Player
- Card
- Other Suggestions

Abstract

## Card

CharacterCard, RoomCard, WeaponCard

- Be drawn from the deck
- Be able to be put into a suggestion
- Be able to tell what player holds the card

- Cluedo
- Player
- Room

## WeaponCard

Card

- Hold data about the weapon which this represents
- Be comparable to other other Weapon cards

- Cluedo
- WeaponCard (the other ones)
- Player

## Character Card

Card

- Hold data of the character
- Be able to get a string value representing the character
- Be comparable to other character cards

- Cluedo
- Player
- Other Character Cards

RoomCard		Card
<ul style="list-style-type: none"><li>• Hold information about the player</li><li>• Be comparable to other room cards</li><li>• Know what room the card is being used in</li></ul>	<ul style="list-style-type: none"><li>• Cluedo</li><li>• Room</li><li>• Player</li><li>• Other RoomCards</li></ul>	