

UML

Game

- players[] : Player
- turn : int
- numPlayers : int
- deadPlayers[] : Players
- roll : LinkedList

- + <<constructor>> Game(minPlayers : int)
- + <<constructor>> Game()
- + startGame(minPlayers : int)
- + nextPlayer()
- + rollDice() : LinkedList
- + reRollDice(roll : LinkedList) : LinkedList
- + characterAbility(character : Character)
- + analyzeRoll(roll : LinkedList)
- + outputToGUI(obj : Object)

CDC

Game

Responsibilities	Collaborators
<ul style="list-style-type: none"> - to run & manage each turn of the game - applies dice rolls and character abilities and player rolls - initiate game w/ rolls, hp, and who starts - keep track of who is alive or dead - can add/subtract life points, arrows, re-roll unwanted dice. - decides who wins - goes to next player on left. 	<ul style="list-style-type: none"> Character Role RollDice Player Project3