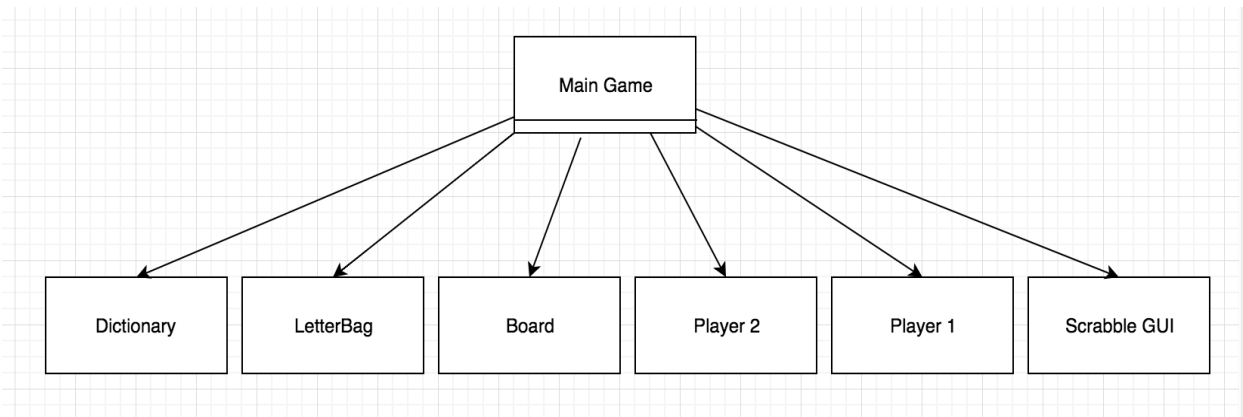


Scrabble



Main Game: The Main Game class holds all of the members of the game.

Dictionary: The dictionary consists of a trie for the lookup structure. The dictionary is used by the Board and Players to determine legal moves. The Computer uses the dictionary to create words from the letters in their tray and letters on the board

Player 1: is a human player for the scrabble game and can play words by interacting with the GUI

Player 2: Is a computer player and makes their moves by building words with the dictionary, choosing the highest scoring word that it can find.

Board: The board used for the scrabble game that holds all of the game pieces played and controls the legality of moves made on the board.

LetterBag: hold the letters that are not in play that have not been drawn to either players tray.

ScrabbleGUI: is the graphical user interface for the human player to use to interact with the game.