

Iteration 1

Data dictionary

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Term	Definition & Information	Aliases
Player	At least two players in one game maximum four, it can play by ai or human.	User, Ai
avatar	Player character represent in the game board, every player has the different colors	Red, green, blue etc.
Turns	Player can choose to input object (wall-maximum 20) to the board or move the avatar in each round. Once the player finishes their turn in the time limit, it will change to other player's turn.	
timer	Every player turns have the time limit to reflect on the move. Once the timer turns zero, even the player has not move yet, it will automatically change to others player turn.	clock
Move Markers	Players only allow to move one blank (north, south, east, west) each turn, if player avatar is nearing the wall, it will reduce the moving option.	
Ai	It will automatically calculate the moving option.	

Save	Option that player can save the current game process for playing next time	
load	Option for player load the save to continue playing the game.	