

To: Overlord Founder of our Precious Startup  
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Title: Implementing Another Team's Player Interface

We made the decision to change the Player Interface given to us. We list the original specification below:

`Player.Declare()` -> "Returns an integer between 1 and 10." We need a way of polling the player for a number between 1 and 10. On the admin side, we will store this as the `playerNum`.

`Player.Swap(int playerNum, int adminNum)` -> "Returns a boolean True or False, True if the players wants to swap `playNum` with `adminNum`, False if the player wants to keep `playerNum`."

`Player.Restart()` -> "Returns void, resets the game to the starting state" -> We need a way of polling the player to know if they want to play again implemented. You can also do any cleanup for restarting the game here if necessary.

`Player.Exit()` -> "Returns void, exits the session" -> If the player does not want to restart, we need to poll if they want to exit the game. If there is any cleanup needed for ending the game, you can also do it here.

First, we removed any interfaces that were not core to the player functionality. These included the `Player.Restart()` and `Player.Exit()` functions.

Second, regarding the `Player.Swap()` function, we changed the function signature to exclude any input parameters. One reason to remove the input parameters `playerNum` and `adminNum` is In the game, the Player should not know about the `adminNumber` prior to making their decision to swap.