IPO diagram

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| Input | Process | Output |
| Substitute word? Answer == (yes/no)  Enter the letter that player wish to substitute? (Letter)  Ask for word? (word)  Ask if user wants to replay hand? (yes/no)  Ask if user wants to play another hand? (yes/no) | If answer == yes then ask for the number, if answer != yes play the hand  Get the letter, delete letter from the hand and replace it with another letter/s from the alphabet that is/are not in the current hand  If word not in wordlist, then get score: score = (total value of every letters in the word) +[7 \* word length - 3 \* ((number of letter in current hand)-word length)]. If word not in wordlist, word == invalid  If word == !! , end the game  If input == yes, play previous hand.  If input == yes, deal and display new hand | Ask for the substitute letter/ play the hand  Display new hand with the new substitute letter/s  Display score/ Display word is invalid/ end the game  Play previous hand/not play previous hand  Display new hand |