

Benjamin Korobkin

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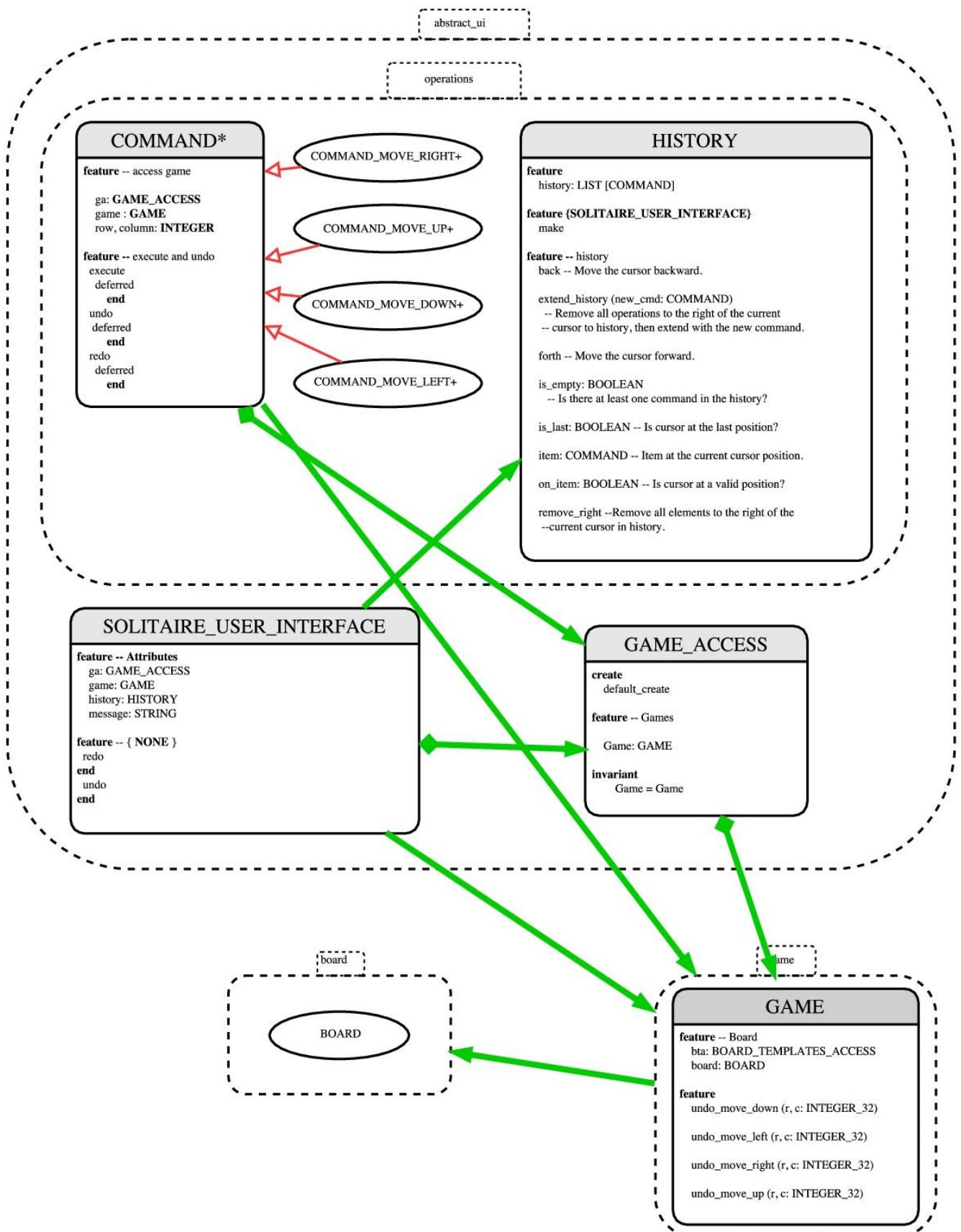
EECS3311

Lab 4 Report

Peg Solitaire UI

Due: November 17

Fall 2017



When the player moves a peg with a command, that command is stored in the (arrayed) list, history, contained in the HISTORY class. If at any point the player wishes to undo a command, the cursor in the history list undoes the most recent command and moves the cursor back one space. The player can keep undoing commands until the cursor reaches the beginning of the list. If the player wishes to redo a command that was undone, the cursor moves forward and executes the next command on the history list. This can continue until there are no more commands to redo. If at any point a normal 'move' command is executed, the player cannot redo any commands as the list removes all commands to the right side of the cursor.

The GAME_ACCESS singleton class ensures that every instance in the history list points to the same game.