

Group 06 – Checkers

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Bugs & Enhancements

Date Submitted: 11/28/2017

Bugs Detected

ID	Bug Short Title	Priority (1-4)	Date Found	Reported By
B01	Consecutive undo()	2	11/27	Maigan
Description	undo () fails when attempted more than once			
Desired Operation	the expected performance should a possible max of 3 consecutive undos on the same play.			
Cause	There does not seem to be any function for multiple consecutive undos at this time.			
Proposed Fix	Create an array to hold the current position and the two previous positions so that the program can undo up to all of those in the array. Once a new position or move is made then the third most frequent position can be deleted, so that new position can be saved.			
B02	Gameplay directions unknown	3	11/26	Seiichi
Description	There are no gameplay directions present			
Desired Operation	There should be gameplay directions in the help window			
Cause	No textfile exists			
Proposed Fix	Add a gameplay directions to the help window			
B03	Empty help window	3	11/26	Seiichi
Description	Clicking 'Help' button makes window pop up but window does not contain any text			
Desired Operation	Help window should display text when opened			
Cause	No text file exists			

Proposed Fix	Add directions and information to pop up window			
B04	Availability of Undo function	1	11/26	Seiichi
Description	Undo button only available after two moves			
Desired Operation	Undo button should be available after only one move.			
Cause	Currently the player can only apply the undo() function once they have made two moves or more.			
Proposed Fix	Add directions and information to pop up window			
B05	Label change with radio button selection	2	11/28	Seiichi
Description	The labels next to the piece graphics do not change with corresponding radio button selection.			
Desired Operation	When 'yellow' button selected, labels should indicate that you are the yellow team. When 'red' button selected, labels should indicate that you are the yellow team. When '2-Player' button selected, labels should indicate who is player 1 and who is player 2.			
Cause	Radio button action listeners to not include label changes			
Proposed Fix	Change text in label with corresponding radio button			

Enhancements Proposed

ID	Enhancement Short Title	Priority (1-3)	Date Reported	Reported By
E01	Undo() fuctionality to Max.	2	11/27/2017	Maigan
Description	Undo() is only available for one use during a play			

Desired Operation	Undo() should be available for consecutive use (maximum of 3)			
Cause	There is no code even trying to hold past positions in order for the Undo () to function more than once in a row.			
Proposed Fix	Make an array to hold past positions (up to 3) and delete oldest position and replace with most current position.			
E02	Help window usability	3	11/26/2017	Seiichi
Description	Clicking the 'Help' button currently causes an additional window to open, but the window does not display any text.			
Desired Operation	The window should open and the Help text should read from a "How to Play" file and display the text in the new window.			
Cause	No such file exists.			
Proposed Fix	Create a "HowToPlay.txt" file for the Help class to read from			
E03	Game directions exist	3	11/27/2017	Seiichi
Description	Compile a list of complete directions for Checkers game as well as managing the gui.			
Desired Operation	Player clicks 'Help' button and a window opens with complete directions on how to operate the game as well as rules for gameplay.			
Cause	No rules recorded.			
Proposed Fix	Add complete rules to text file from E02.			
E04	Any play Undo() functionality	1	11/27/2017	Seiichi
Description	Undo function needs to work for any move that has occurred, whether there has been one play or more.			
Desired Operation	Undo can be applied once a player has performed a single move and throughout the game.			
Cause	Currently the player can only apply the undo() function once they have made two moves or more.			

Proposed Fix	Find out what is causing the undo() function to not be available on the first turn.			
E05	Label change with radio button selection	2	11/28/2017	Seiichi
Description	The labels next to the piece graphics should change with corresponding radio button selection.			
Desired Operation	When 'yellow' button selected, labels should indicate that you are the yellow team. When 'red' button selected, labels should indicate that you are the yellow team. When '2-Player' button selected, labels should indicate who is player 1 and who is player 2.			
Cause	Radio button action listeners to not include label changes			
Proposed Fix	Change text in label with corresponding radio button			

Fixes (Bugs and Enhancements) Targeted For Implementation

ID	Short Title	Priority (1-3)	Implementation Complete Date	Assigned To	System Test Date
B01	Consecutive undo()	2	11/29/2017	Jeremy	11/30/2017
B03	Empty help window	3	11/29/2017	Seiichi	11/30/2017
B04	Availability of Undo function	1	11/29/2017	Maigan	11/30/2017
B05	Label change with radio button selection	2	11/29/2017	Seiichi	11/30/2017