

Hani Khaled Kamal 22102516

"Super Minesweeper"
Software Development Final Project

Computing and Digital Technology School
Birmingham City University
Birmingham, United Kingdom
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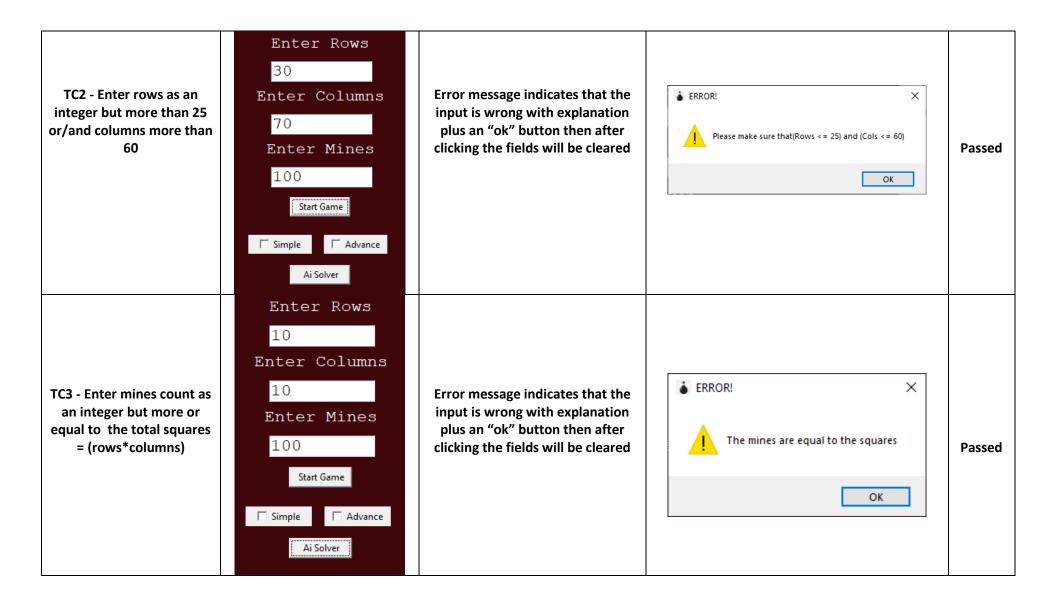
Minesweeper the game

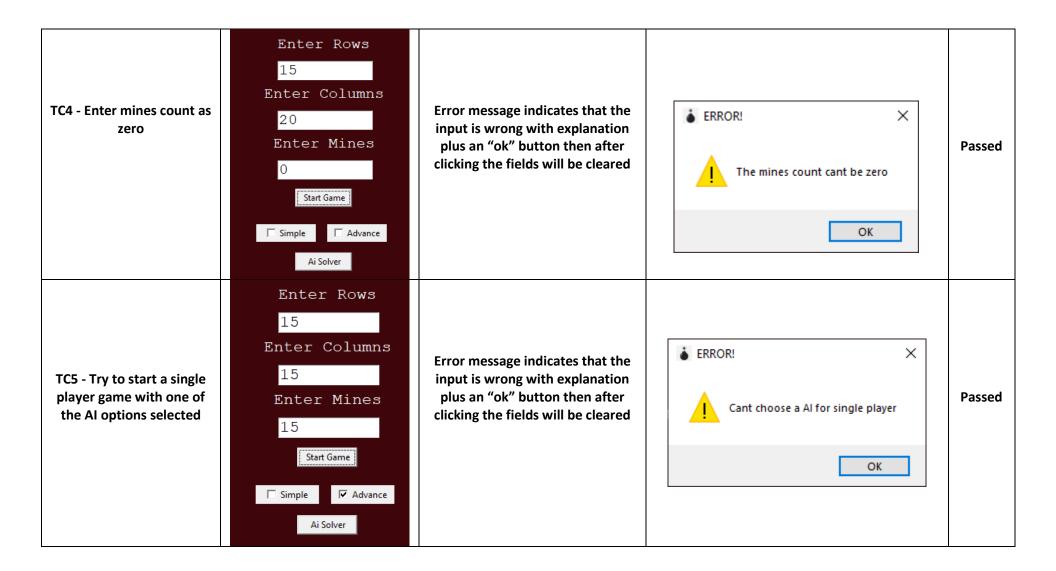
Game Description

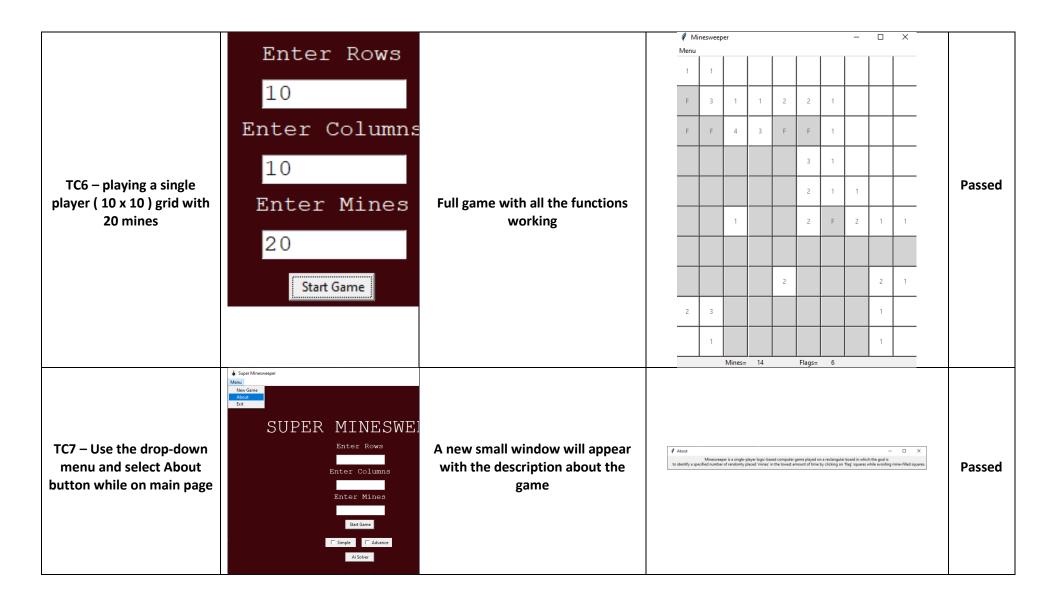
Minesweeper is a single-player logic-based computer game played on a rectangular board in which the goal is to identify a specified number of randomly placed "mines" in the lowest amount of time by clicking on "safe" squares while avoiding mine-filled squares.

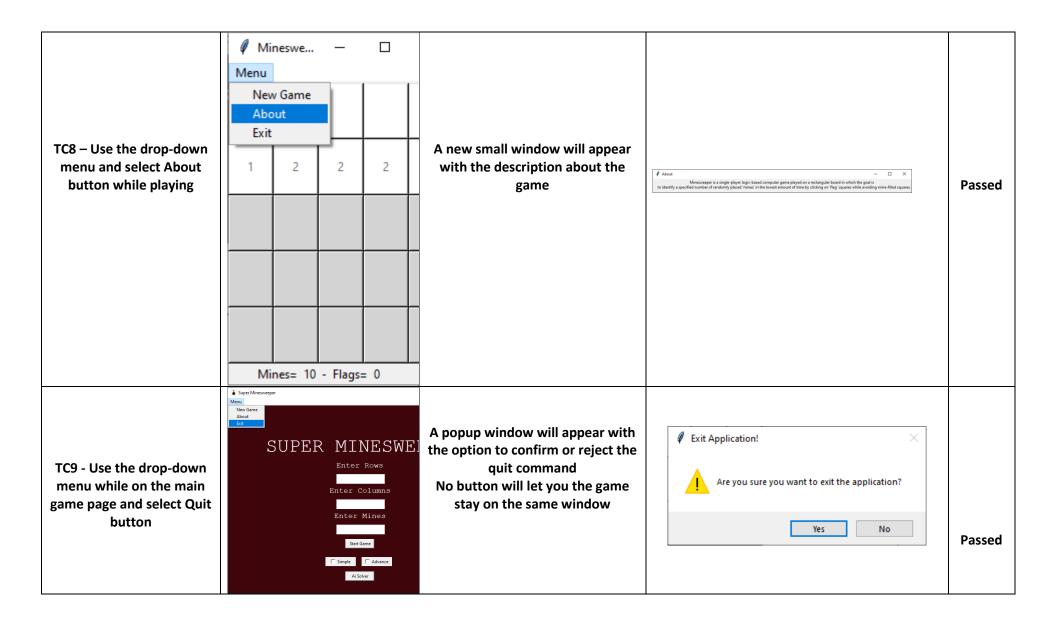
Testing Cases

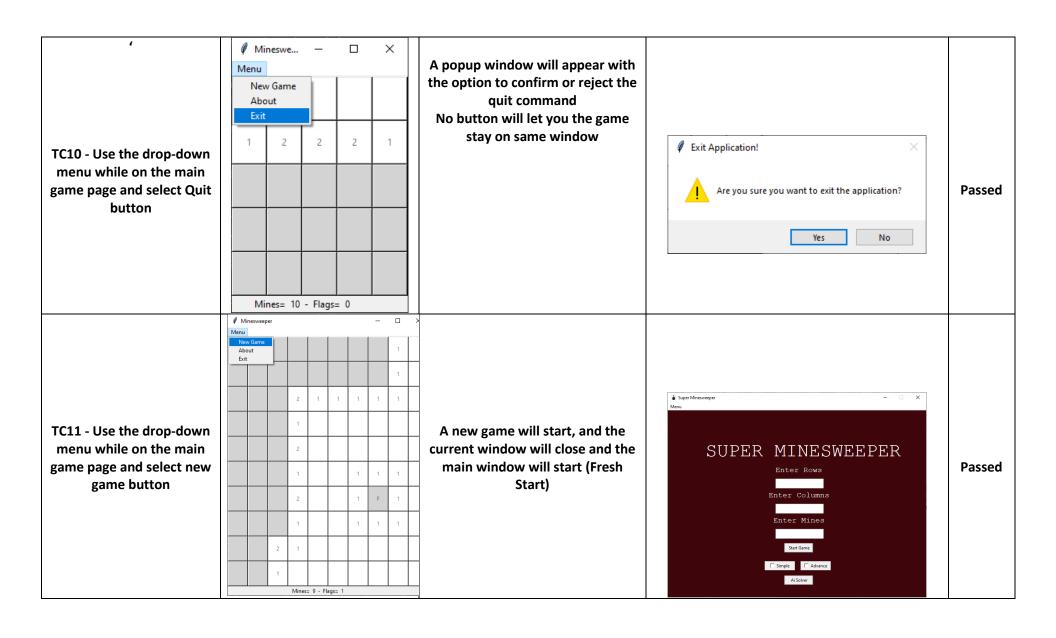
Test Case ID & Software Feature	Input	Expected output	Actual result	Passed/ Failed
TC1 - Enter rows and columns and mines any type other than integer	Enter Rows 10.5 Enter Columns kkk Enter Mines y10x Start Game	The game won't start, and the fields will be cleared	Enter Rows Enter Columns Enter Mines Start Game Ai Solver	Passed

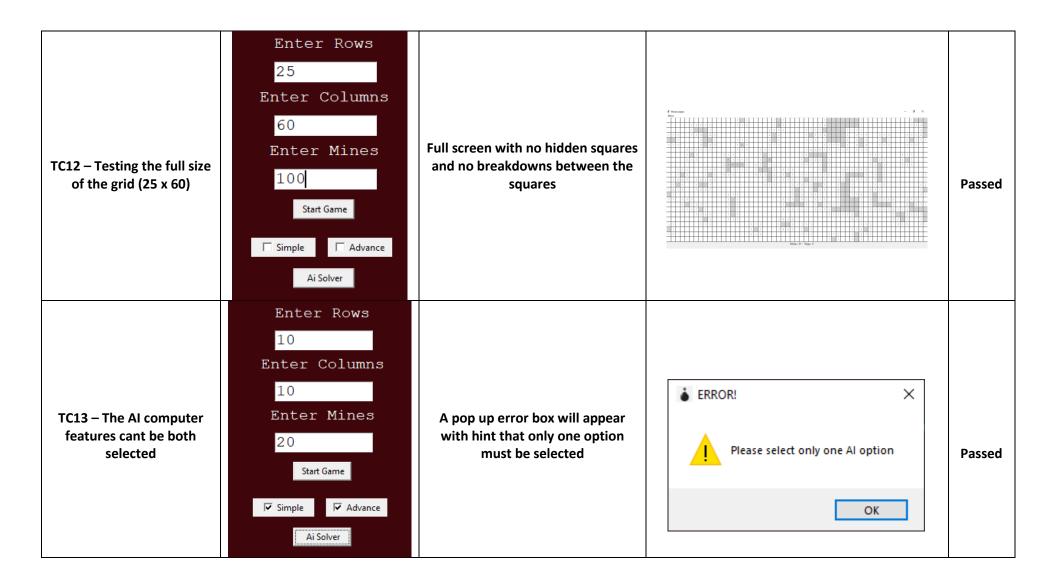


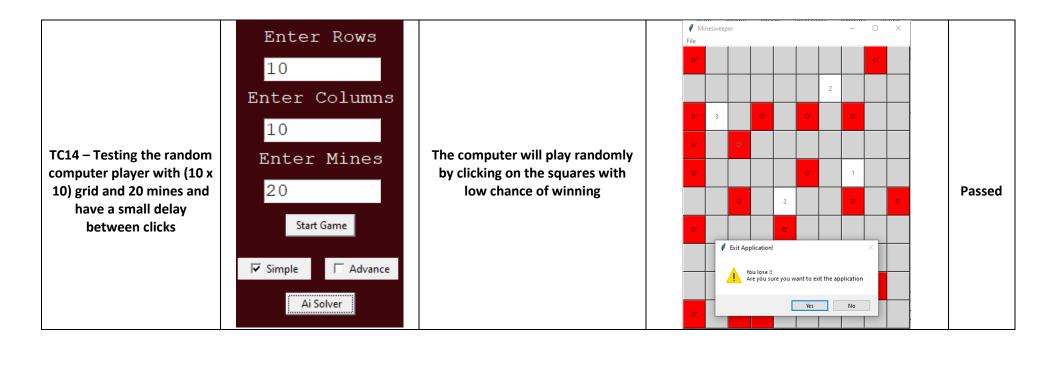


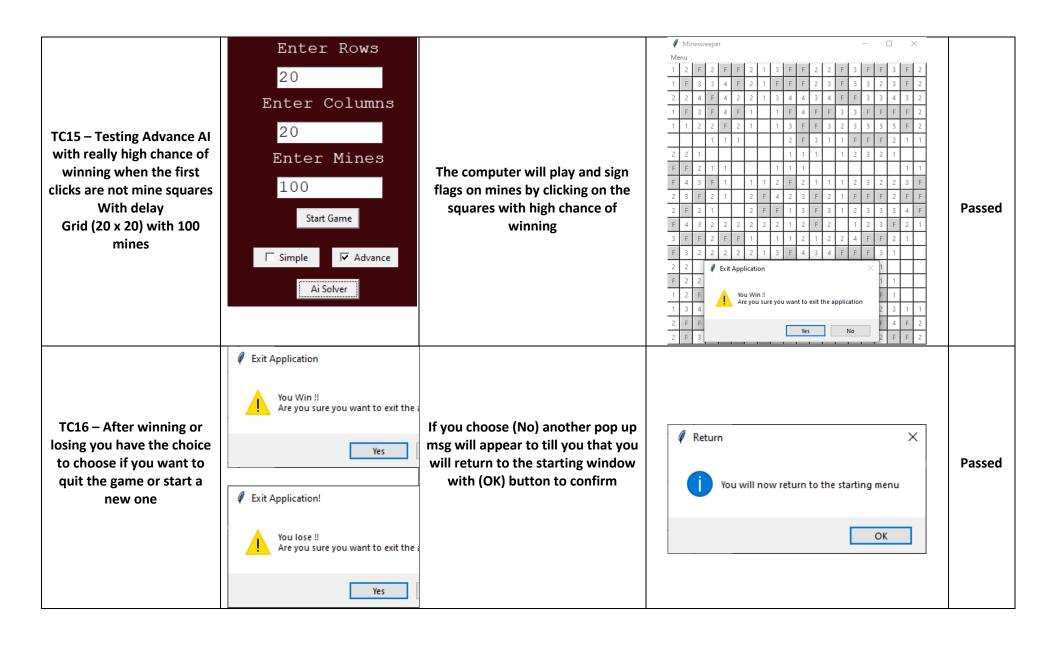












				Menu	neswe	_		×		
TC17 – mines count will not go below Zero even though the Flags are more than the mines	Enter Rows	Columns Flags are more than 10 but mines count are capped at Zero		F	F	F	F	1		
	5 Enter Columns			F	F	F	F			
	5 Enter Mines			F	F	F	F			Passed
	10			F	F	F	F			
	Start Game			F	F	F	F			
				Mines= 0 - Flags= 20						
	Enter Rows				lineswe	. –		×		
TC18 – IF the rows and cols are less than 15	5 Enter Columns		(bigger)	Menu						Passed
	5									
	Enter Mines	Buttons size will be (bigger) height=3, width=5								
	10									
	Start Game			N	lines= 10) - Flags	= 0			

