

Supplementary Information

Android-based Animation for Chemical Elements and Experiments as an Interactive Learning Media

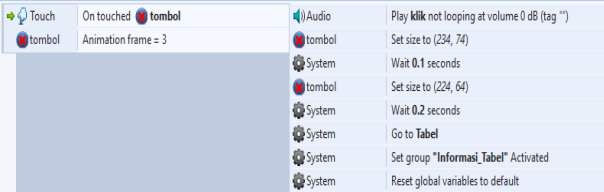
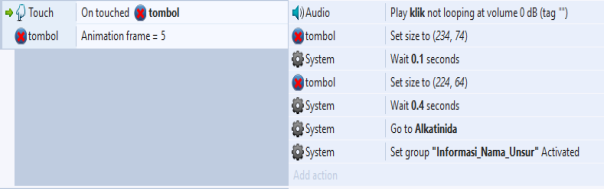
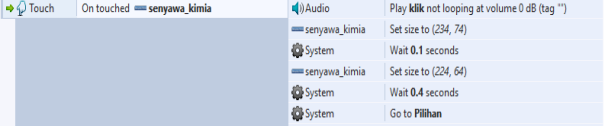
Dedi Saputra^{1*}, Burcu Gürbüz², Haryani Haryani¹

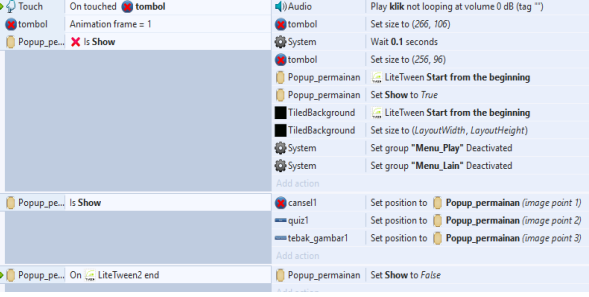
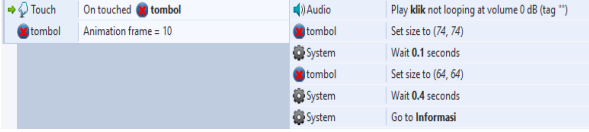
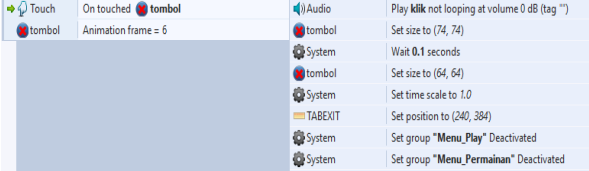
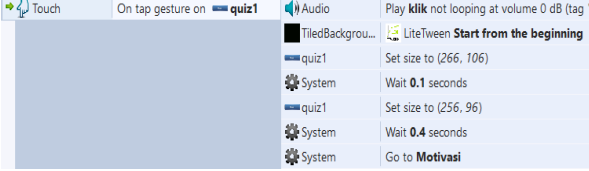
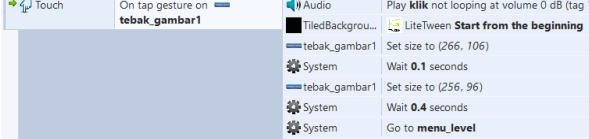
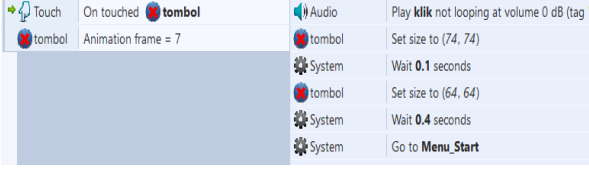
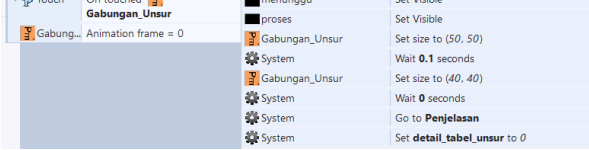
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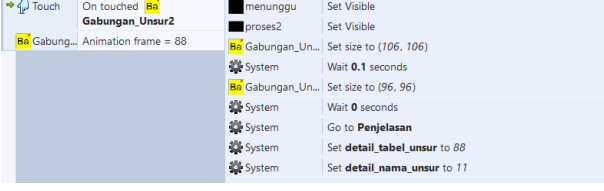
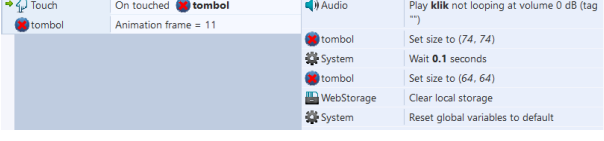
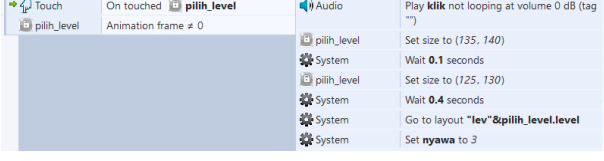
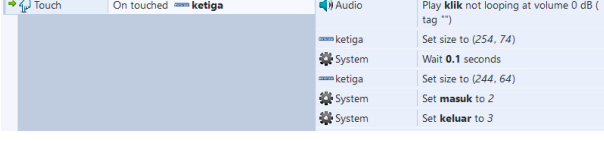
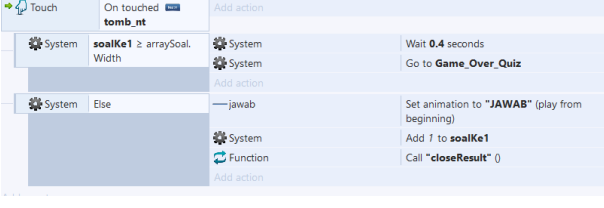
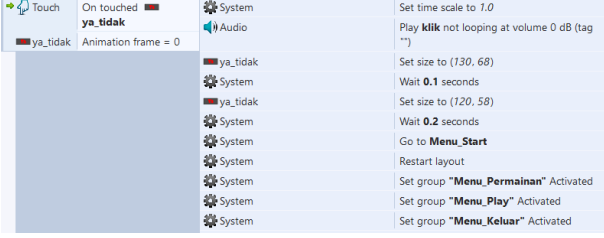
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Table S1 Black box testing results

Input/ <i>Even</i>	Process	Output/ <i>Next Stage</i>	Test Results
"Periodic Table" button"		Showing Periodic Table Menu	Valid
"List of Elements" button		Showing Element List Menu	Valid
"Chemical Experiments" button		Showing Animation Options Menu Appropriate	Valid

Input/ Even	Process	Output/ Next Stage	Test Results
"Play" button		Showing Game Options Menu	Valid
"Informasi" Button		Showing Information Menu	Valid
"Exit (X)" Button		Showing Exit Confirmation Menu	Valid
"Quiz Game" Button		Showing Motivation Menu	Valid
"Picture Guessing Game" button		Showing Level Menu	Valid
"Back (<<)" Button		Back to Previous Menu	Valid
Periodic Table Element Options" button		Showing the Periodic Table Explanation Menu	Valid

Input/ Even	Process	Output/ Next Stage	Test Results
Element List Options button		Showing the Explanation Menu List of elements	Valid
"Riset" Button		Showing The Level of Re-Greed	Valid
"Level Option" Button		Showing Picture Guessing Game	Valid
"Solvent PH" Button		Showing Ph Solution Animations	Valid
"Answer Quiz" button		Answering Questions, And Displaying True or False Information	Valid
"Exit Quiz" button		LogOut of Qiuz, And Go Back To The Previous Menu	Valid