Project Name:	hw2	
Created by:	Mike Yang	
Date of Creation:	6/23/2021	
Test Case Id	Test Scenario Name	Priority
1	menu item open	high
2	run the simulation	high
3	reload while running	mid
4	stop and see history	mid
5	change fps while running	mid
6	toggle history while running	high
7	sync output button with output dir menu item	high
8	toggle view while running	mid
9	change size while running	mid
10	change iteration count while running	high

Test Case Description
try to open when simulation running

try to run the simulation

Start sim, and hit reload

history view should not contain data after reload

Chane the fps of the graphics engine while running should not have problem

since they are running in different threads, history should change without problem

user should trust the button's lable for either file output is enable or not

view toggle should not interupt running sim

size change while running

change iteration count while running

Pre-requisites	Test Data
App should be opened and active.	

App running	"seed" file
App running	"seed"file
app running	"seed" file
app running	"seed"
app running	"seed"
app running	"seed"
app running	"seed"
app running	"seed"
app running	"seed"

Test Steps

Run a simullation. While running open another seed.

Run a simulation

Run sim, and hit reload

Run sim, stop, reload,and check history

Run sim, change fps

run sim, change history

toggle file output in menu, and see is the button changes lable

run sim, and toggle view

run sim, increase size or decrease size

run sim, change the iteration count,

Expected Result	Actual Result	Status	Test Executed By
Correct behavior	Correct behavior		mike yang
Correct behavior	Correct behavior		mike yang
Sim still running	Sim still running		mike yang
History contain nothing, but doesn't fail	good behavior		mike yang
fps changed	correct behavior		mike yang
history should update in real-time while the sim is running	correct behavior		mike yang
button label updates	Correct behavior		mike yang
view toggle shoulld not interupt running sim	Correct behavior		mike yang
no interuption	Correct behavior		mike yang
the simulation should act the acording to the iteration count	Correct behavior		mike yang

Test Execution date
27-Jun
27-Jun
27-Jun
28-Jun
28-Jun
28-Jun
28-Jun
28-Jun
28-Jun
28-Jun