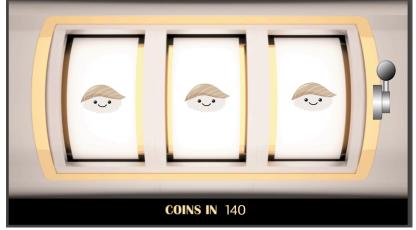
# MOBILE APP DEVELOPMENT: SUSHI SLOTS

Using the login and password provided in class, login to GameSalad. Create a new Blank Project.

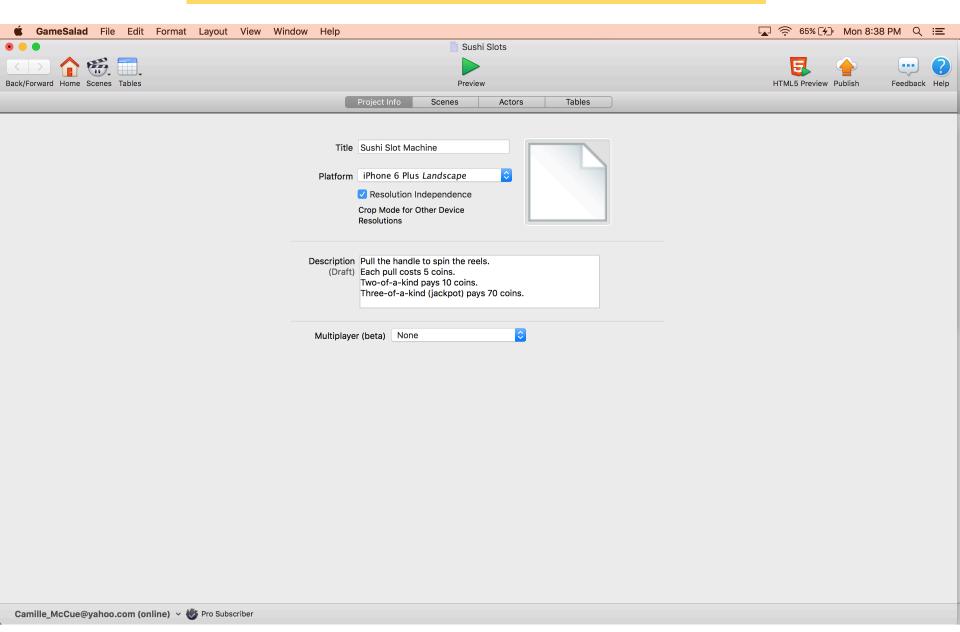






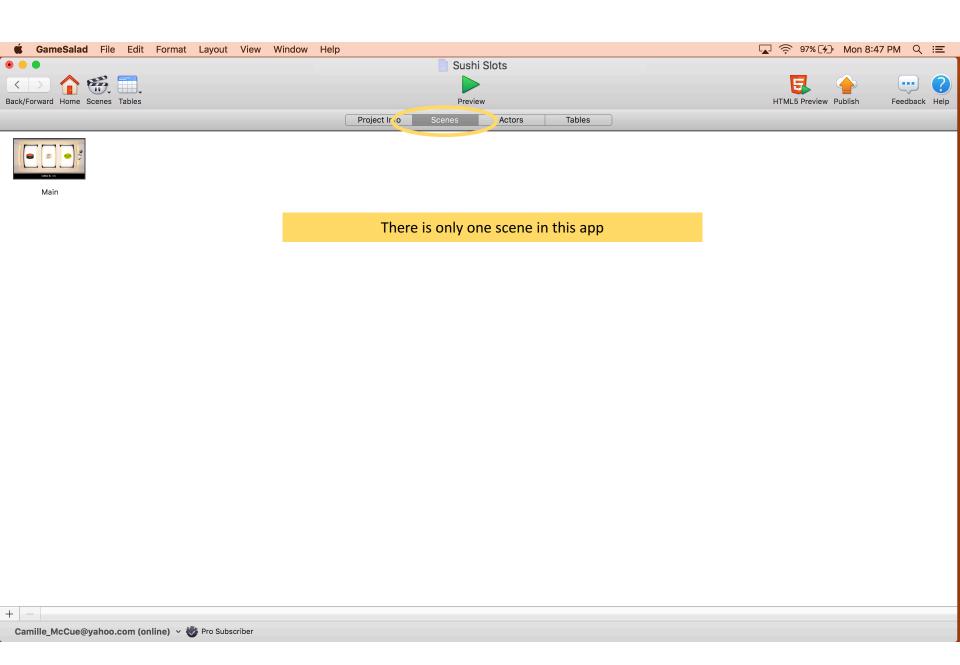
# **SUSHI SLOTS**

## This game can be make for ANY platform the student chooses.

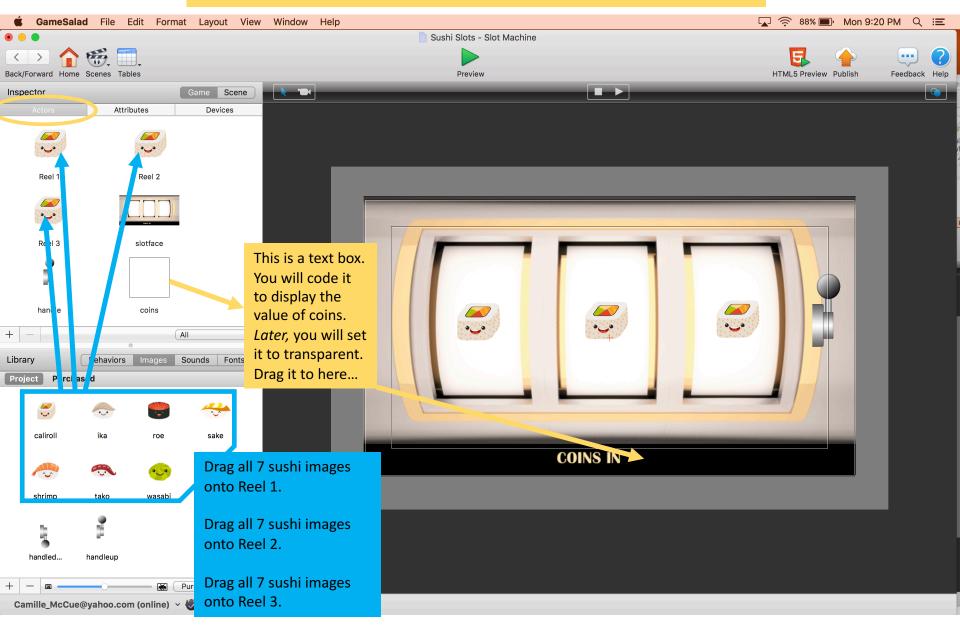


Download the Sushi Slot asset pack from this URL:

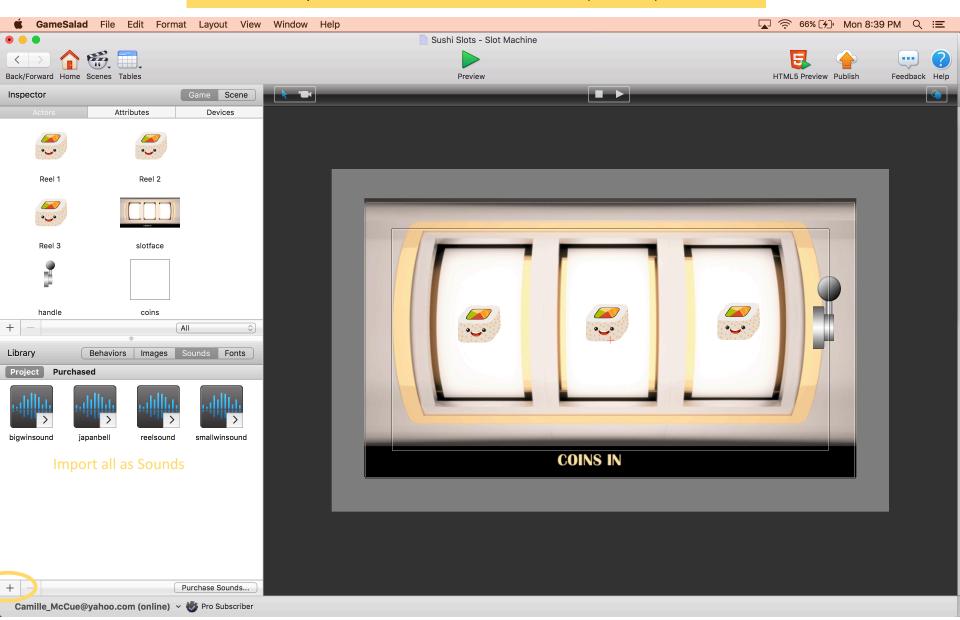
http://bit.ly/2bCcMn4



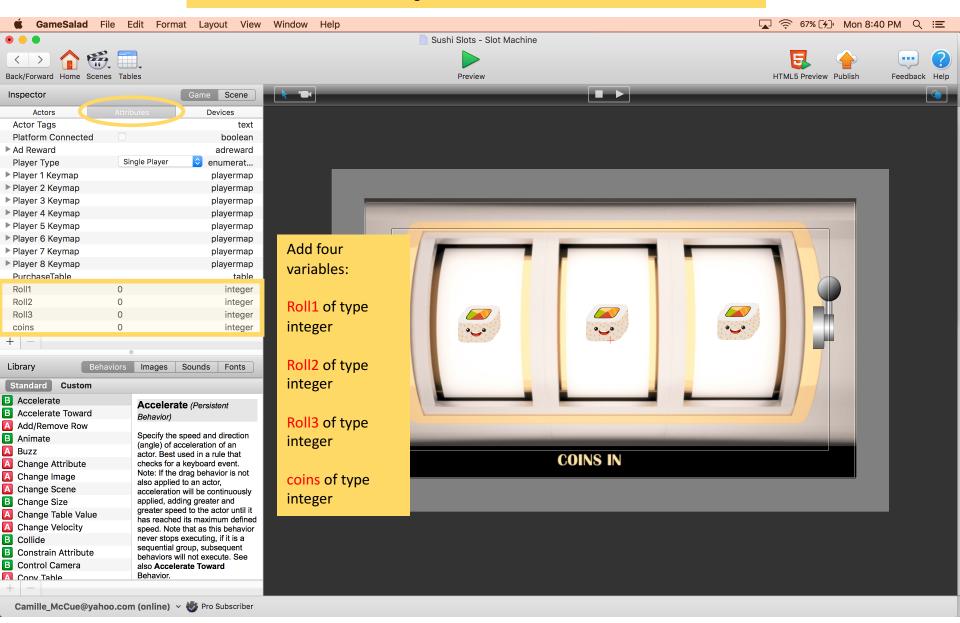
## Import the images, make actors and put the images on actors as noted below.



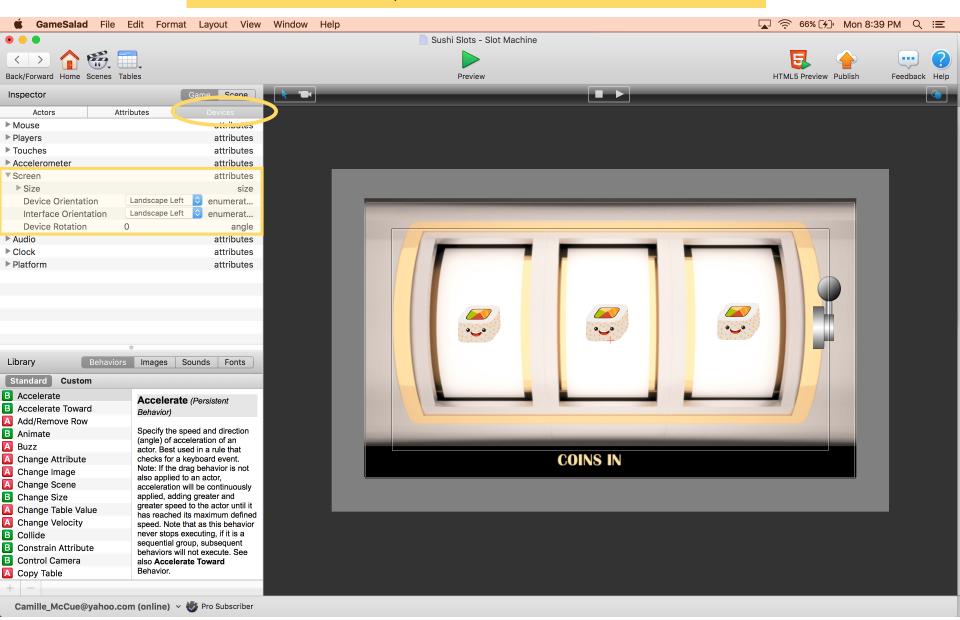
# Import the sounds. All audio files are sounds (not music).

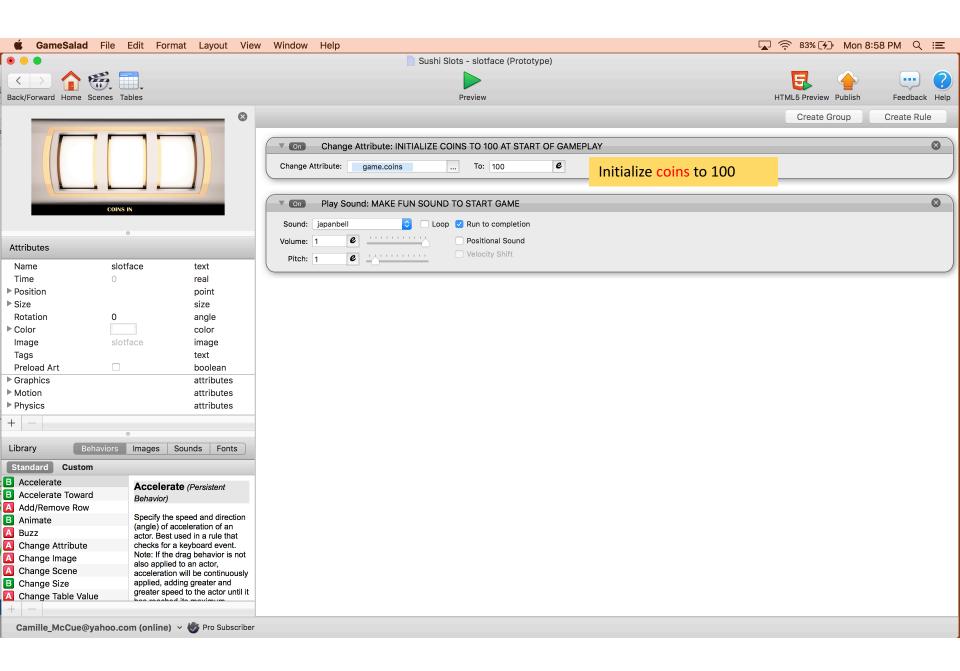


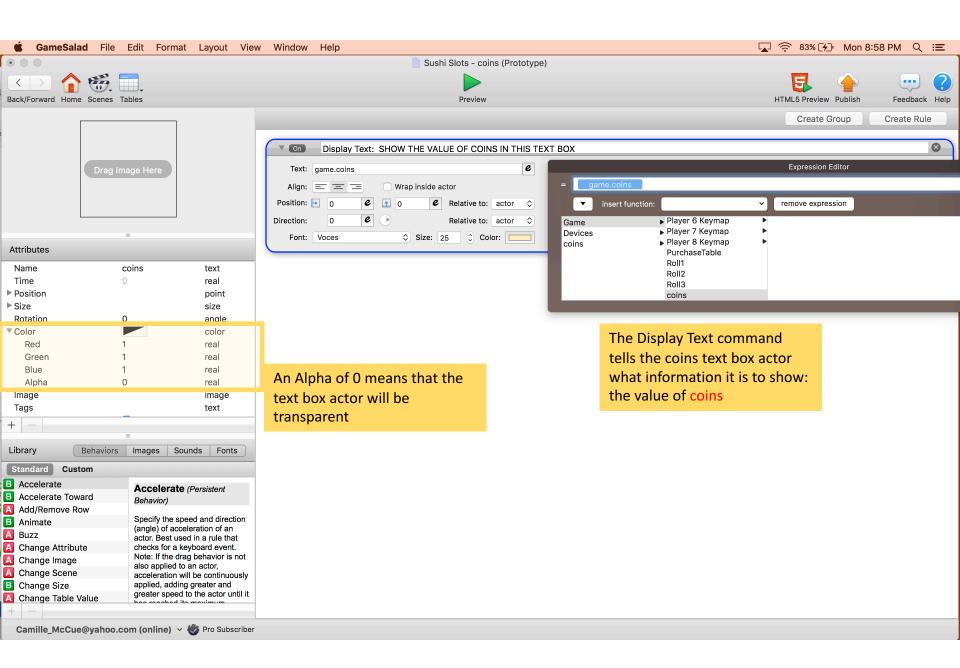
## Make game variables as shown.



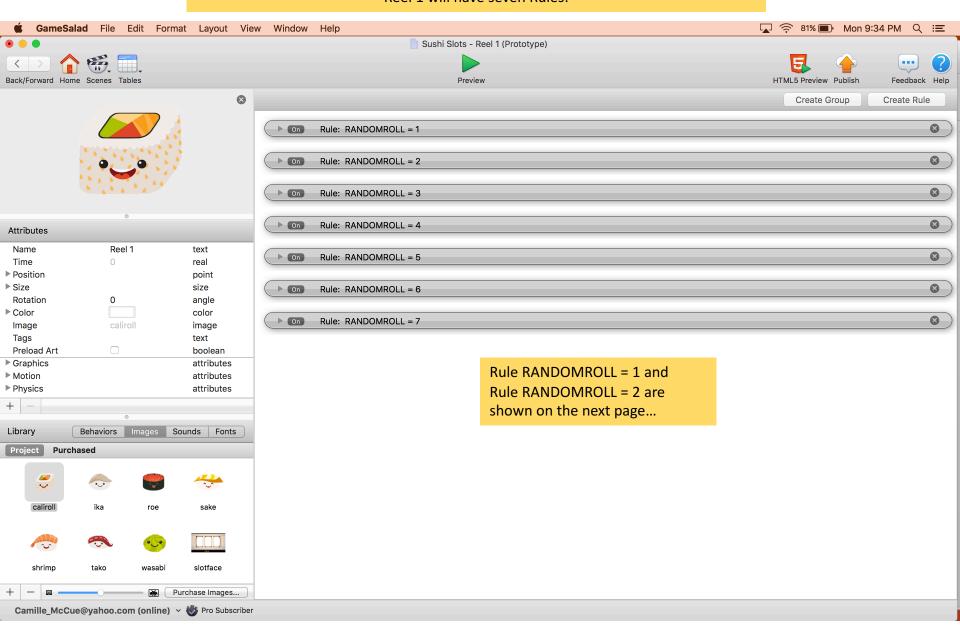
### Set up device orientation as shown.

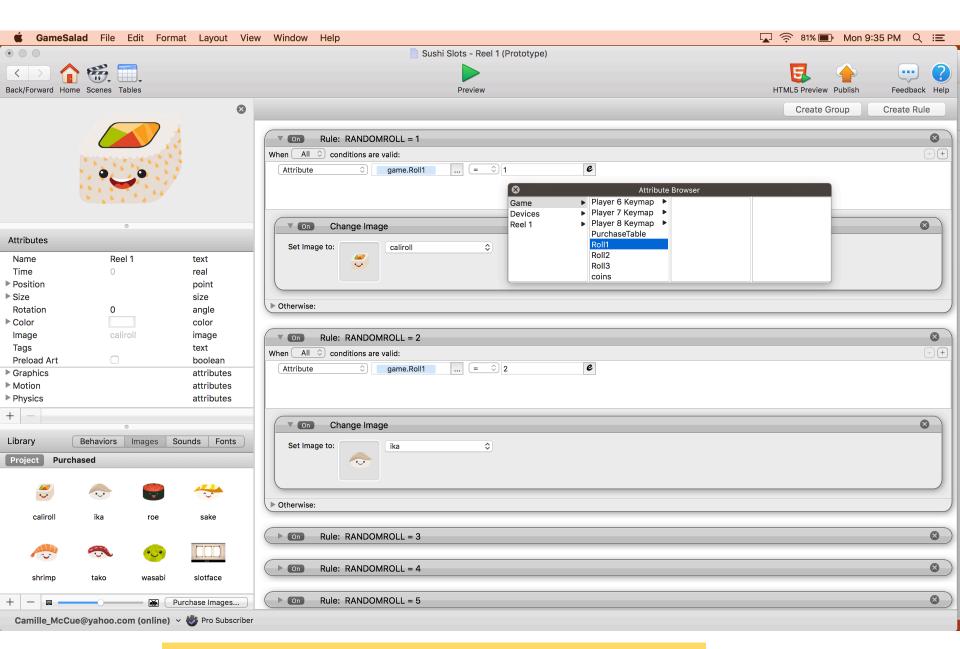






#### Reel 1 will have seven Rules:

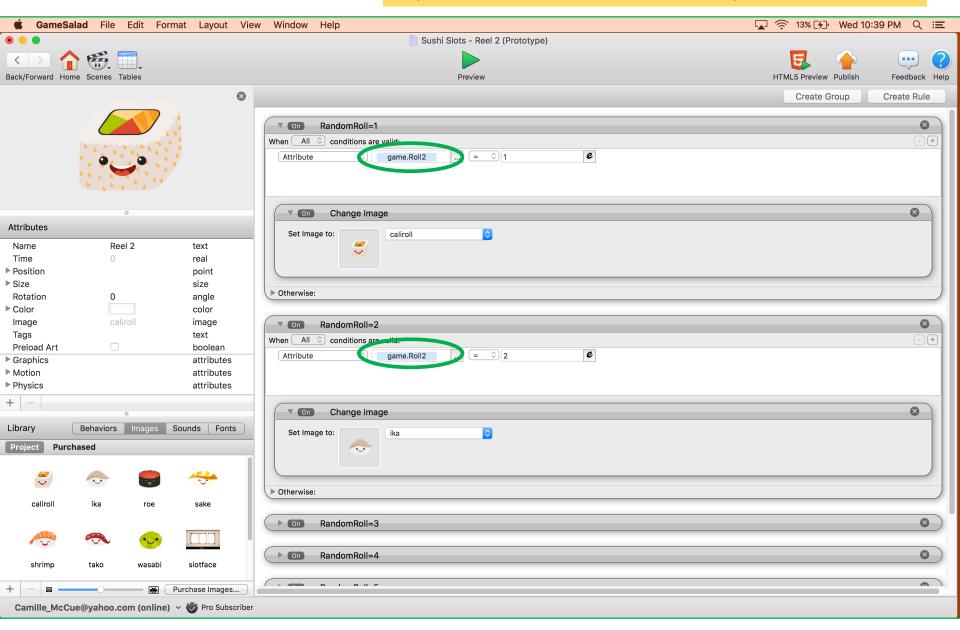




Follow the pattern to create the remaining rules for Reel 1 and game.Roll1 Keep the sushi in order: caliroll, ika, roe, sake, shrimp, tako, wasabi

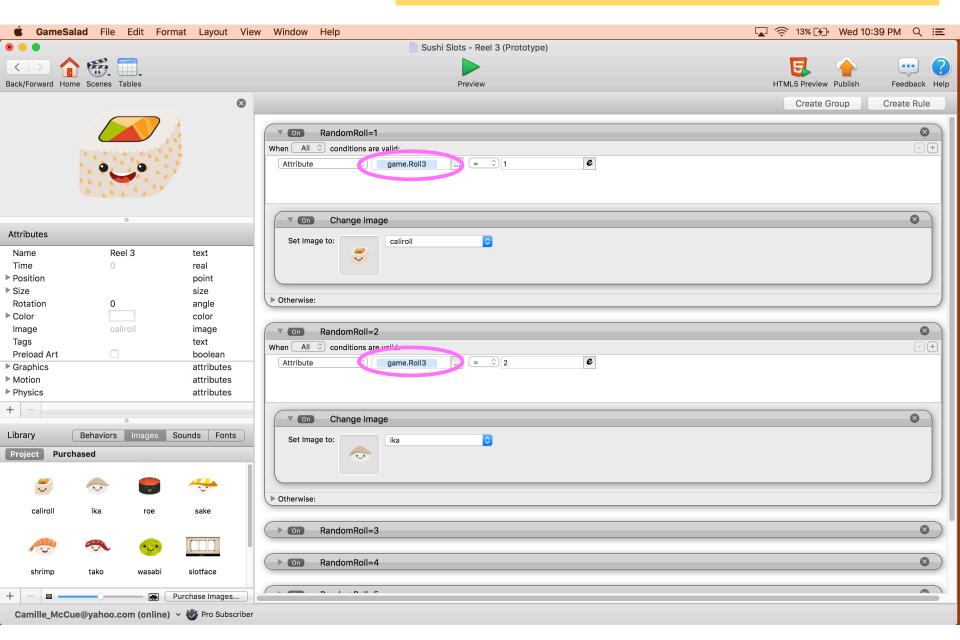
#### Reel 2 also has seven Rules:

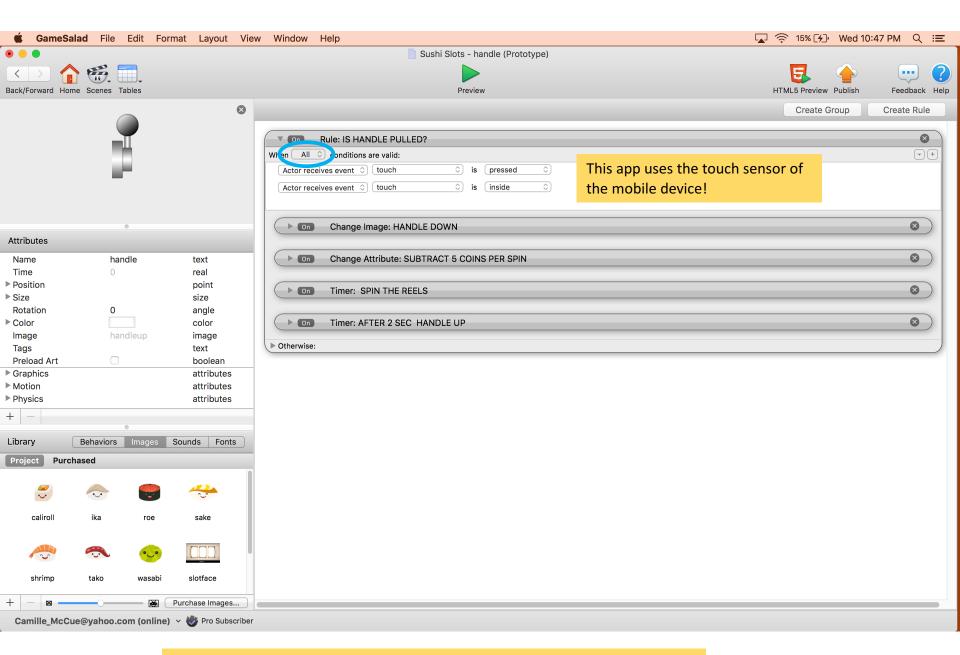
Follow the pattern to create the remaining rules for Reel 2 and game.Roll2 Keep the sushi in order: caliroll, ika, roe, sake, shrimp, tako, wasabi



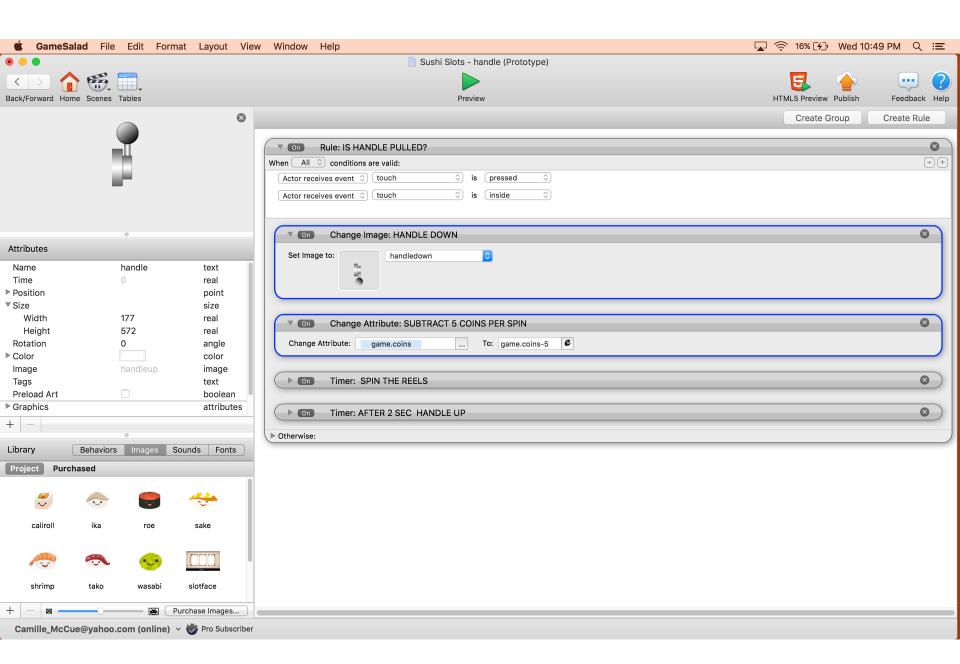
#### Reel 3 also has seven Rules:

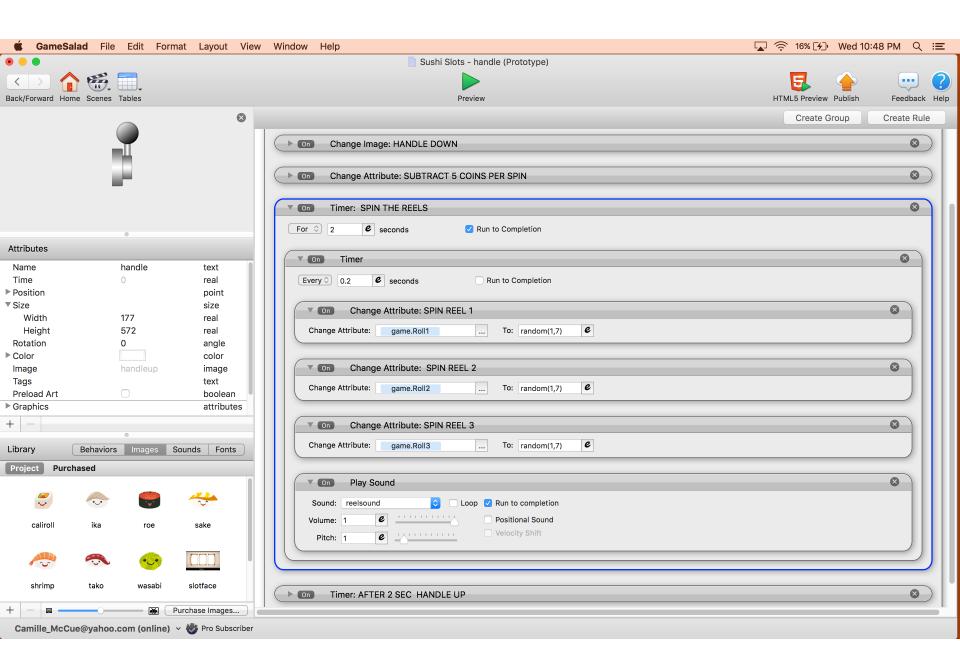
Follow the pattern to create the remaining rules Reel 3 and game.Roll3 Keep the sushi in order: caliroll, ika, roe, sake, shrimp, tako, wasabi

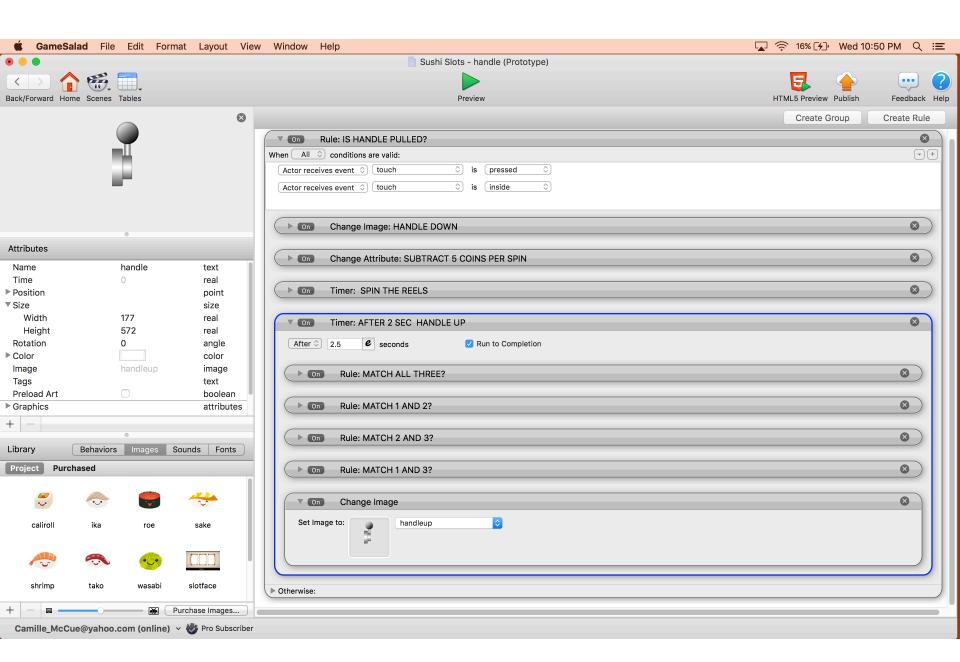


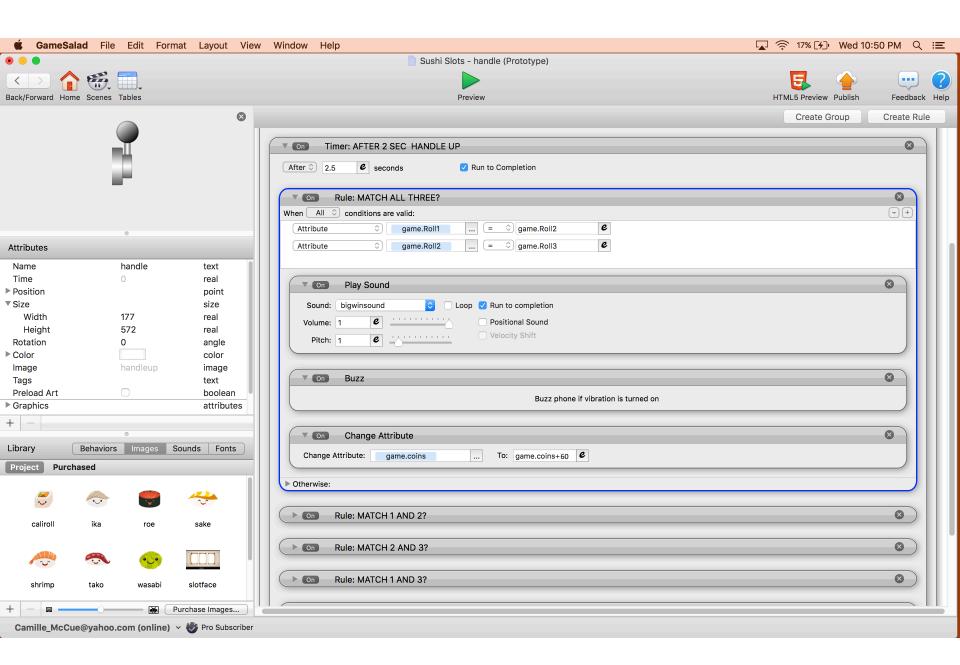


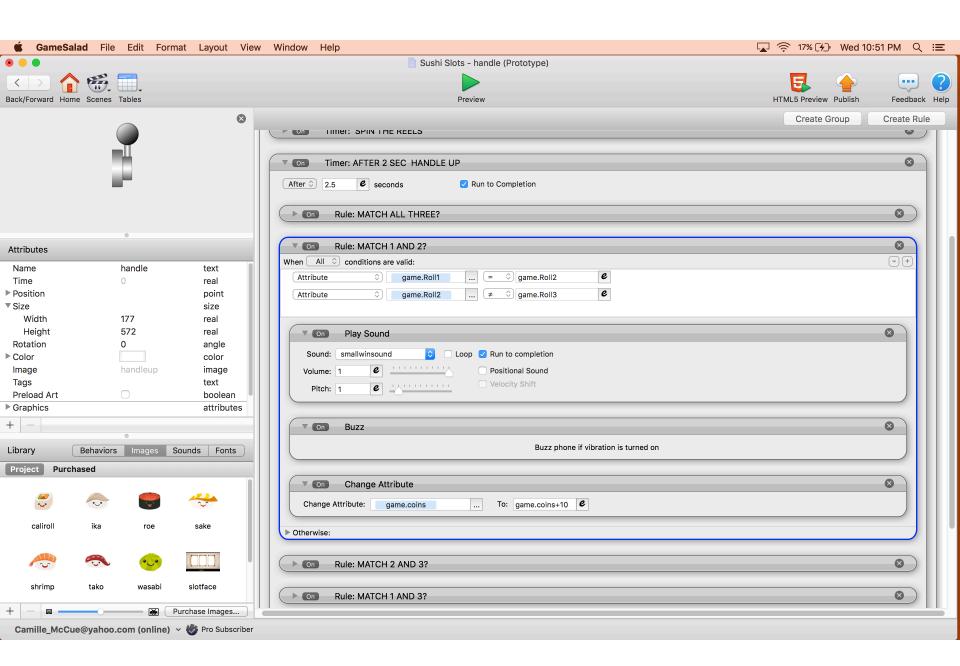
There are a lot of nested rules and commands in here... go slowly and keep track of where you are as you work through the next few pages...

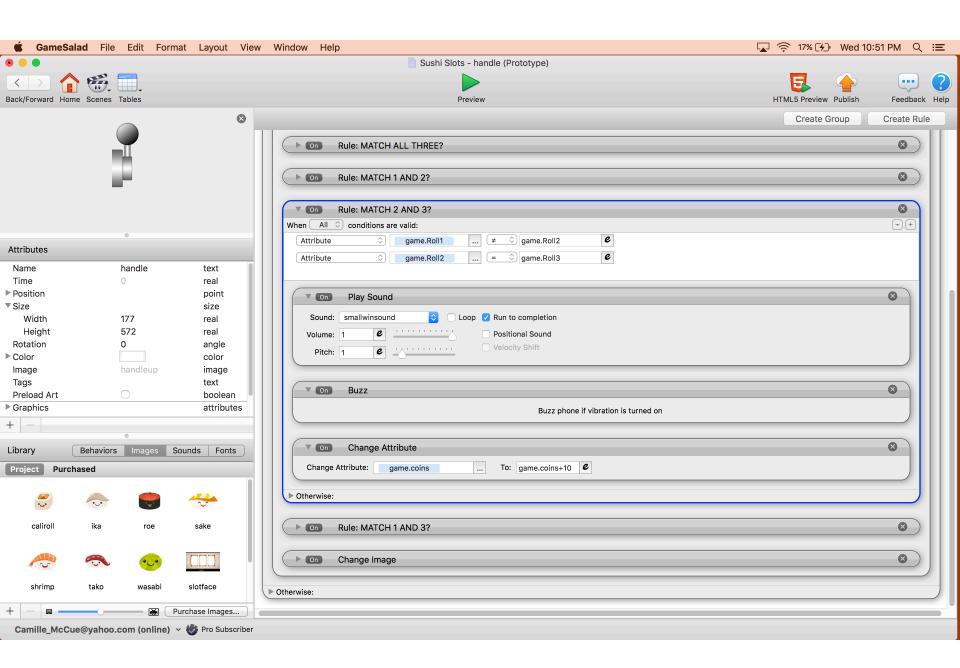


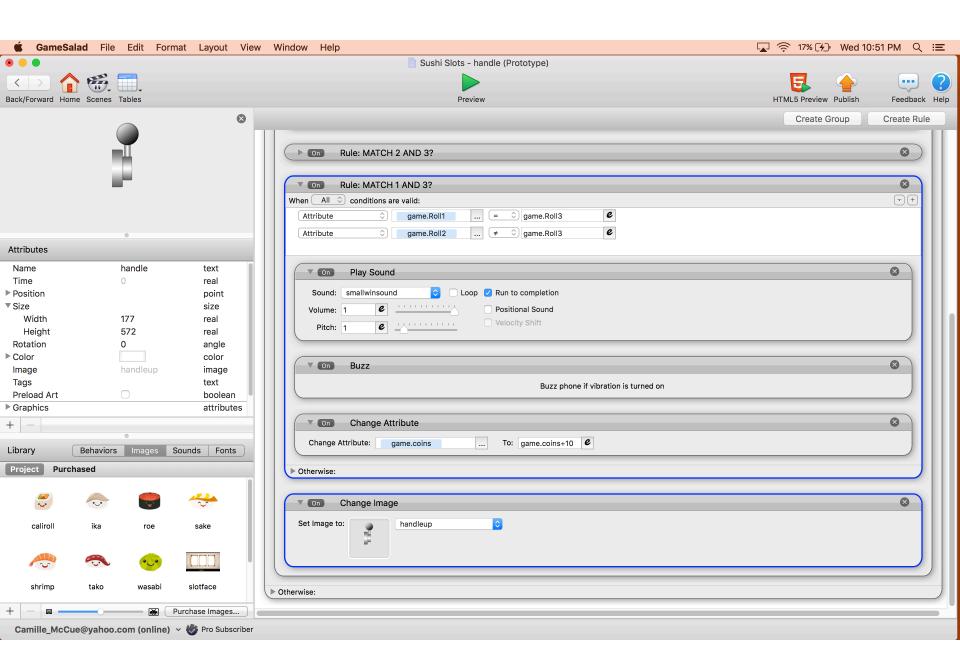












# For the next phase, you will need your phone to execute your app. Follow these steps:

- 1. OpenGameSalad Viewer on your phone or iPad
- 2. Your mobile device and computer must be on the same wireless network: at school, this is the AEC network with password Hearusroar!
- 3. Press the **Preview on device** and then select your device name to play the game on your phone or iPad!



The way you compute how much to pay out in a casino game is through a simple math formula called Expected Value (EV). EV = sum (\$ in or out)\*(probability of the transaction)

2%

12%

Example: EV for any spin in our game = -\$5(100%) + \$10(38%) + \$60(2%) = \$0

This means that, over the long haul, the casino and the player break even.

#### **HOW MUCH SLOT PAYOUT SHOULD WE GIVE???**

		_	
Total	number	of arra	ngements:
· Otal	Hallibel	O. u.i.u	ingenients.

7 \* 7 \* 7 = 343

#### Three-of-a-kind on Reels 1, 2, and 3

7 ways Probability = 7 / 343 = 0.02

Two-of-a	-kind on	Reels 1	and 2 only
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7 ways Probability = 7/49 = 0.14 take away 0.02 12%

#### Two-of-a-kind on Reels 2 and 3 only

7 ways Probability = 7/49 = 0.14 take away 0.02 12%

#### Two-of-a-kind on Reels 1 and 3 only

7 ways Probability = 7/49 = 0.14 take away 0.02

No match 100% - 2% - 12% - 12% - 12% 62%

Computing expected values...

Pay to play	Payout No match	Payout 2-kind	Payout 3-kind	Payout EV
-5	0	20	150	5.6
-5	0	20	100	4.6
-5	0	20	50	3.6
-5	0	15	250	5.7
-5	0	15	200	4.7
-5	0	15	150	3.7
-5	0	15	100	2.7
-5	0	15	50	1.7
-5	0	10	250	3.8
-5	0	10	200	2.8
-5	0	10	150	1.8
-5	0	10	100	0.8
-5	0	10	60	0.0
-5	0	10	50	-0.2
-5	0	10	40	-0.4
-5	0	10	30	-0.6
-5	0	10	20	-0.8

Positive expected value means that -- over the long haul -- the PLAYER is up

Negative expected value means that -- over the long haul -- the CASINO is up