A Technical Note

· Execution order will be based on a FIFO quive.

This way repeated abilities ever con just add the Symbol Mar to the quive and it'll be run again.

Slot Machine Rogue-lite

· Implementation

- there will need to be a 'reel' object that contains

and an array of 'symbol' objects

A . Muchine -> [Array of Wheels], [Array of Geors] When Score-Newled,

A "Reel" or "Whey"

Current Score
Escoring Lines orray]

- [51, 52, 53, ... SN]

Enemerators?
essentially array of

· Array of Symbols (conginus order needed?)

(0,0,0) = Top line

- Rosses on m

(0,1,2) = 100 TL > 13R Pingonal

- Machine_Tradex -> Int

Scare adjusting as well? Some lines are easier

. Index of where reel is an machine

than others

- [57, 58 ... S6]

Array of Symbols for current & soin corangement

· First three (or 'n') will be the 'visible' symbols

* · Symbol

- Type [] * could be more than one type?

" Enumerator for 'Cherry', 'BAR', Queen', etc.

- Base Score -> Int

- Base Mult. -7 Int

* Mults, would need

- Enhancement 1 -7 Mult, Empowered, wild, etc.

to access wheel's attributes. Or have a plobal file (would be

- " Z -7 Holo, Foil, Poly, etc.

casier to do some states this way - custom resource)

- Matches * (Built into 'Type' class now, Retenting 005)

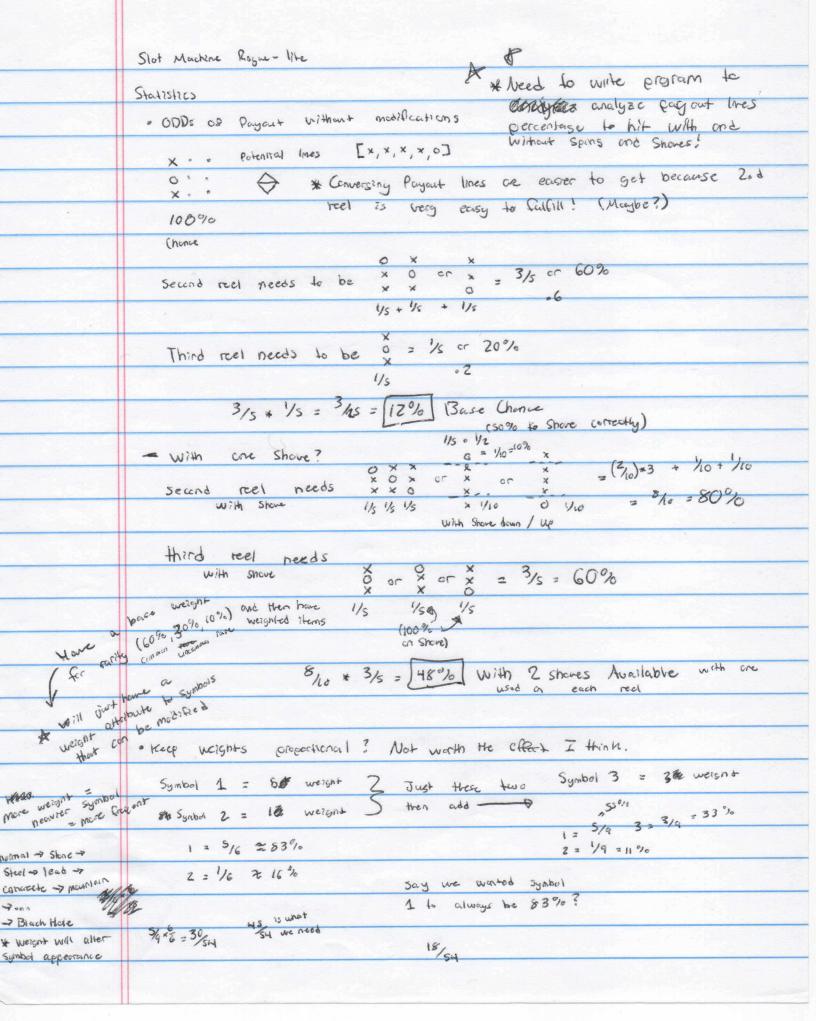
· Array of Symbols that will match with cureen one?

- Weight

At Note: will need a 'Storte' machine for when player inputs work

and 'respins' 'shoves' 'items' (submits' (on be jured,

	Slot Machine Rogue - 11te
	 Wheel implementation Spins (wheel spin()) Spins (wheel spin())
	- Select 'random's Symbol in wheel to be 'topl of viewed symbols (could be weighted)
	- Recovering arrows of Current symbol crrumsement to Sit new coattern
	ex.
	[1,2,3,4,5] -> [3,4,5,1,2] * Hecoing copy of conginal
	original current crows array will speed up rolled '2' byic (no memory allocation etc.)
	the "visible" - just need original positions?
	shift criginal array so we cren't moving
	"Shave (wheel. Shave (String: "up", "down", in+1) whole "symbol" objects information,
	- # Based on farameter, shift all entries 'left' ('you) or \$6 "right' ('down')
	ex, Share ('down')
	[2,3,4,5,1] -> [1,2,3,4,5]
	[2,3,4,5,1] → [1,2,3,4,5] len(s) +: + + + + + + + + + + + + + + + + + +
	12345°
	a good to a model (6) on these ?
	How would this work with of or something though
	_ Weed to how more into this with OOP.
	Execution Queue (on Machine. Wheels and Geors will have specific 'on-event' functions?)
A Before Round	& o Stort with Pre-Spin Stuff Durkey Scoring (counting /muit)
	· During Spin *
	* After Spin ## - wheel Symbols
	o Before Respon - Geor modifiers
	- Puring Spin + Post Scoring
	- After Son ##
	· Before Blan Shove & After Round
	- After Sun + *



	* * Geors will have unique commations while
	Slot Machine Roque-lite displayed (spinning) Slot Machine Roque-lite displayed (spinning) he slotted into specific
	Slot Machine Roque-lite * Mauho gous con be slotted into specific Geor Ideas reels?
	(Rusty Gear?)
	- Temperarily sticks two n reels together (Masbe not temperary, but changes so often?)
	· Basic Geor (wefal when expands to 3×4 and 3×5)
	- 3×3 lives are always active
	· Stip Ger
	- lines can be made without 1 of the symbols needed
	· Polished Geor (Clear Geor, Greated Geor?)
	- Increased max respins by 1 while held (Maybe more regions? Need to test)
	· Step Geor
	- Shores now can displace Symbols by Z (If chosen. Can still shore 1)
	· Schrödingers Geor (Clarky Very Strong)
	- A 'Ghost' version of the first real is soon and counts temords lines
	· Renalpow Geer
Without	- Straight Line Payouts are 10x more (Scales with width of machine?) (Needs tested).
CS.	· Rubber Geor.
Sloy	- Spins don't travel as fer (Instead of G-N, roll goes +3, -3 of last roll)
Other	- Gives +1 more shove (would be a good with Step Gees) [x-3, x+3]
39 cm	· Geode Geor (May have 'mineral' Symbols. Needs Significant designing)
went trigger	- Mineral Symbols are trigged twice (maybe on bottom of lines?)
9	· Mis-shapen Gear (Potentially busted. Could be a tradeoff with it?)
x x x	- Activates the 'unorthodox' lines (Maybe deactivate Stendard lines),
Les à	(but the why use it?)
(Extreamely that gives	o < Nume?
(Extra thut obility	"Something that 'auto-soins' first soin as downside, but great
Ager Ager Ar al	° (Name >
S Nome 7 - Age the	- Something that randomly 'showes' a wheel up or down as
•	a downside

	Slot - Machine Rogue - lite
	* Consumables
46	- Floogy -Dishs
	· Course upgrades to Symbols on a specific wheel
	- Choose a symbol to uggrade
	- Con upgrade weight, Score, mult., etc.
Z-10 10 10 10 10 10 10 10 10 10 10 10 10 1	- Similar to 'Larot' cords in Balactro
	- Chipsets (or Max board components)
	· Causes specific earyout lines to improve
	"Similar to 'planet' cords in balatro
	- Could improve MAN couch Symbol MAN Coyout Stop!
	ex, would improve project for two match, three, four, and five
	on this Specific he.
7.5	
*	* Need to run a 'simulation' of soins with each
	payout line to see which are easier and should
	have higher score.
	- Maybe have partial payouts the real Slots on
	eurital knes

* Are these all 'rescirces'? · Machine the Isaverg/loading process

The second would be useful to name the * Definetely all classes, but reserves would help - wheels ability to affect all of a reserve. Types - gears . Type * Weed to add a sprite for the current type - Contains enemurater to denote which type it is ex. 'Cherry', 'bell' 'BAR' del contains ensumerator for original type. Fundions · - Set - type (type: Enum) Null - Sets the current type to the passed in Emum " - add - type (type: Enung []) Null' + multiple types allowed - adds the passed in types to the 'type' among · - remove - type (type: Enum []) Mill & multiple types allowed - removes the pussed in type is) from the 'type' array = - 15 - type (type: Enum) Boolean - returns 'true' or 'false' # depending on if the passed in type is in the current 'type' coray ·Symbol Functions (Attributes on an earlier page) occastractor so we can make copies (- seleptone - Set - Score (Score: Int) . Sets Score Attribute (could be setter/getter) - - add to - score (additive: int) . Adds to symbol score Mult. Weight underlyned is - remove - from - score (sub: int) . Removes from symbol score what would thouse Inder of the enhancement as well - - get -score () · Returns symbols 'score' - set_enhancement (enhancement: Enhancement) . Sels symbols enhancement -calculate-score() · Goes through steps to calculate score _destroy() · Goes through Steps when destroyed

Slot Machine Rogue-174e
· Components
· Type
- Script with all expected variables (maybe?)
- Sprite 20
· Image of Symbol (compressed texture 20)
- Avea 20
· Area for detecting mouse
* Symbol
- Script with methods and executed variables (maybe?)
- Sprite 20
· Image of Bachground of Symbol (white, stone, etc.)
" Easily shaderable
Shader Attached?
- Area 2D
· Area of Symbol to detect mouse /touch
"Need to investigate contrater support
- Type (Defined in script?) X
· wheel
- Script with methods / Variables
- Sprile 70
· Sprike for wheel (need to figure out wheel animation, etc.)