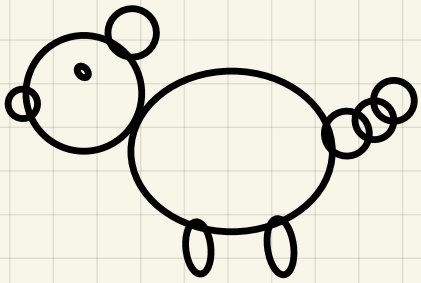
Idee

1. User kann zwischen:

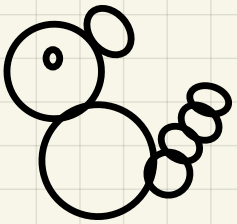
   Morgen & Abend wählen

2. User kann zwischen
   Eichhörnchen & Hund wählen

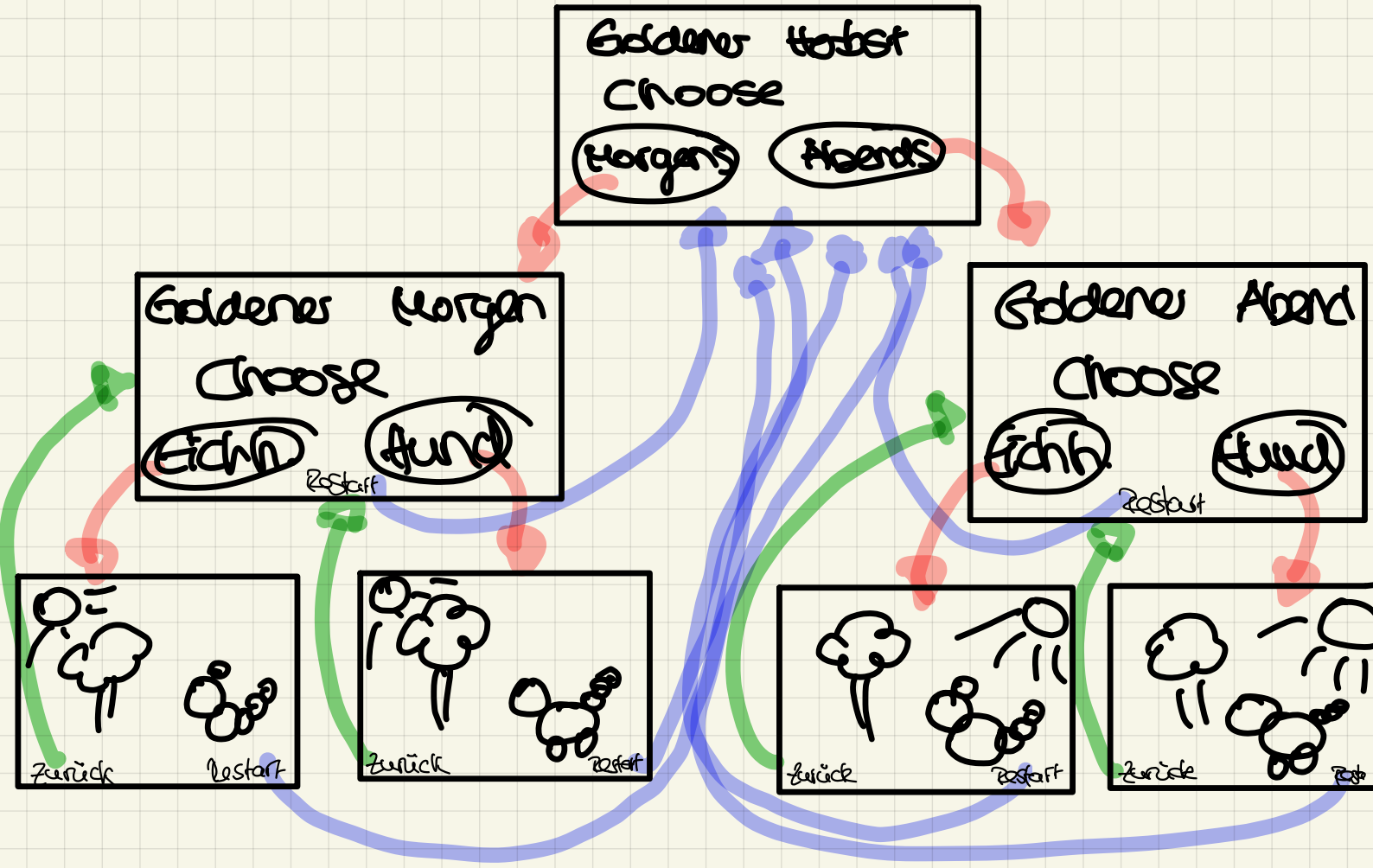
Hund:



Hörnchen:

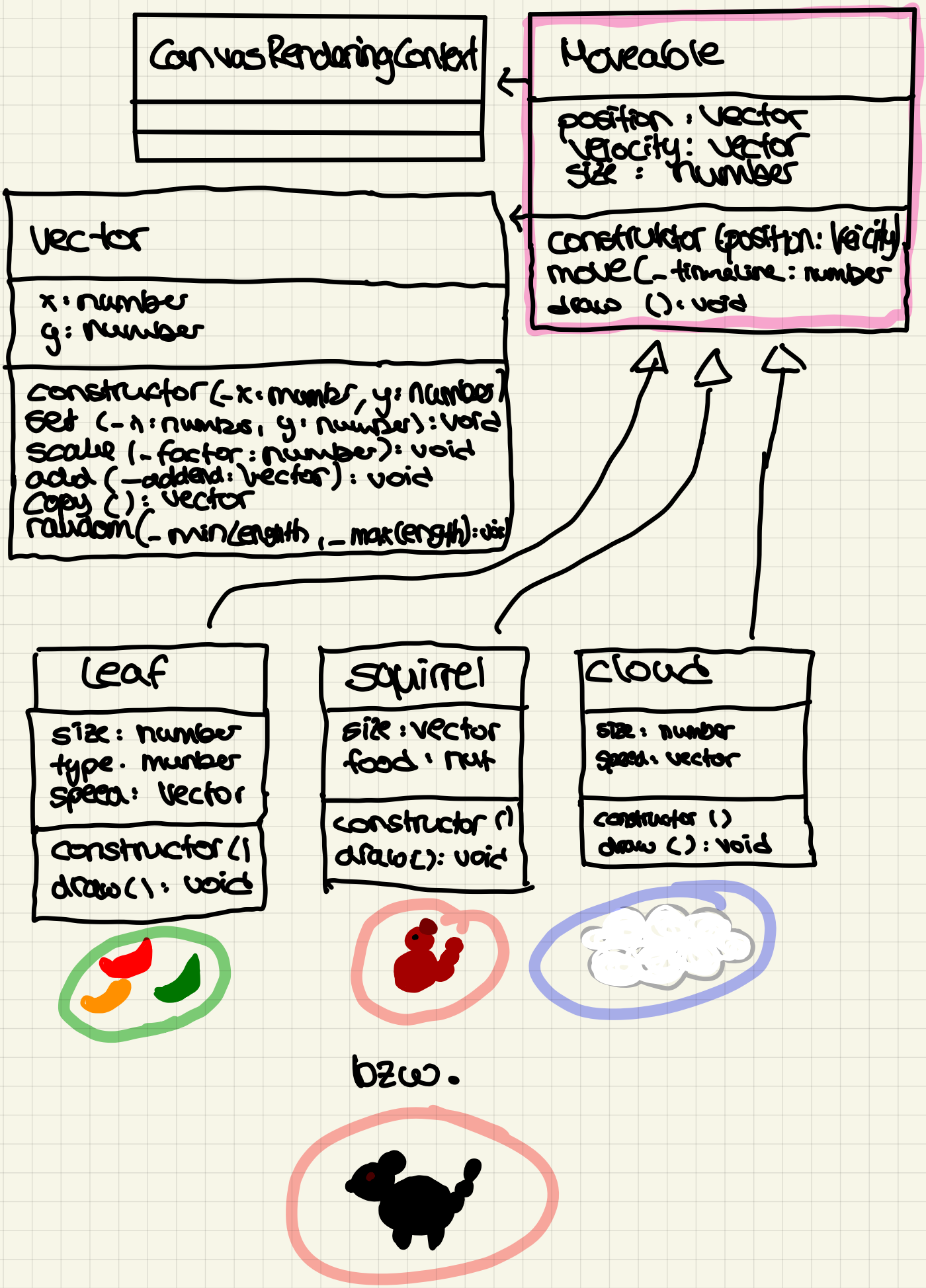


Idee - UI

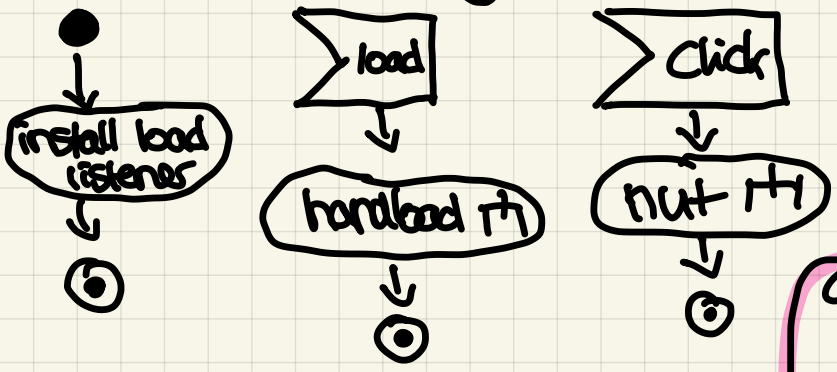


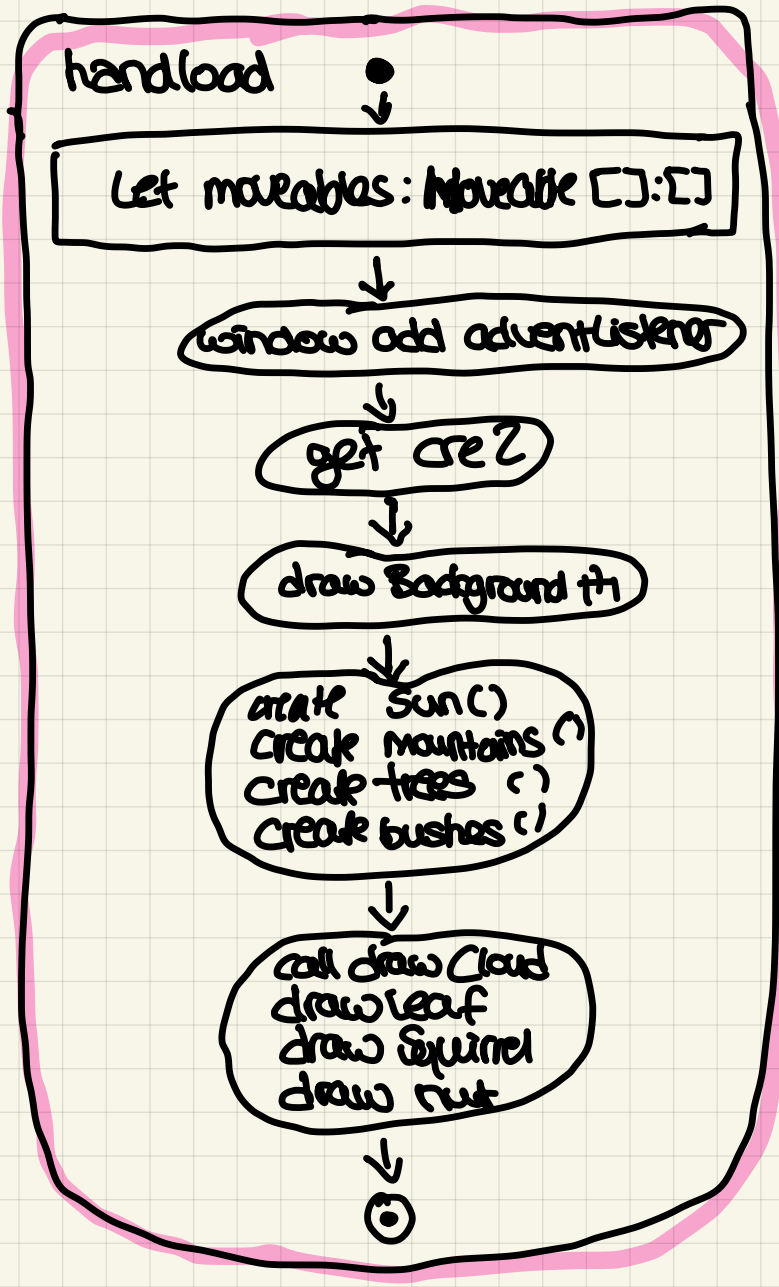
2.11.1 Goldener Herbst

Klassendiagramm

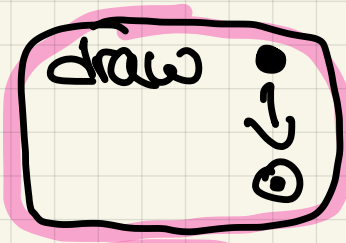


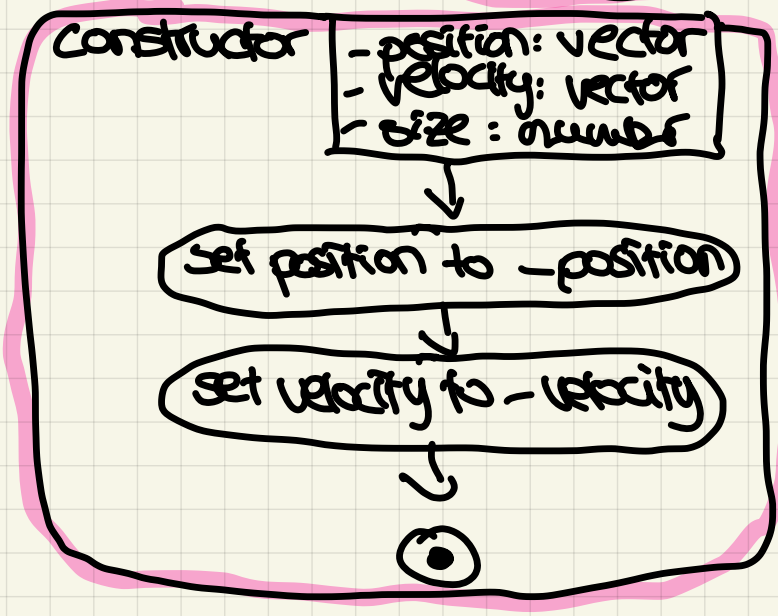
Aktivitätendiagramm

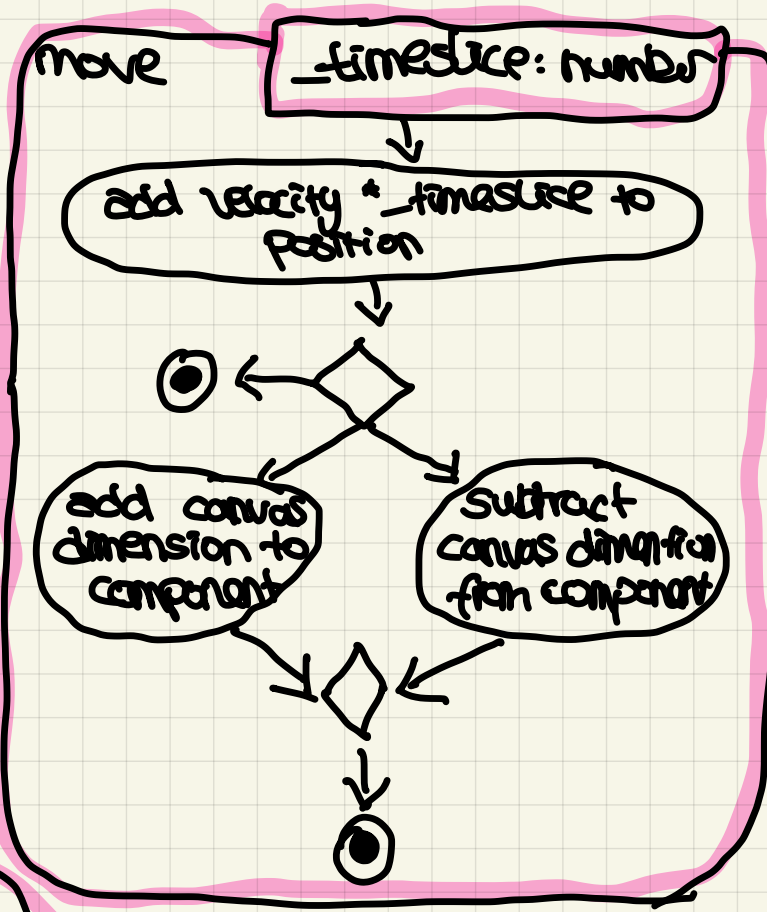


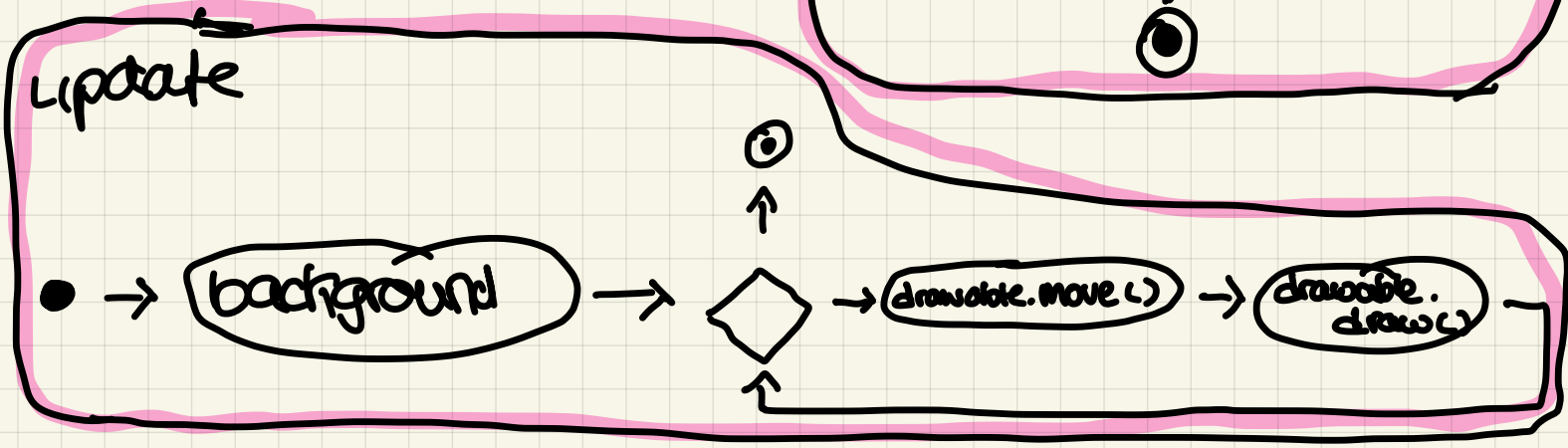


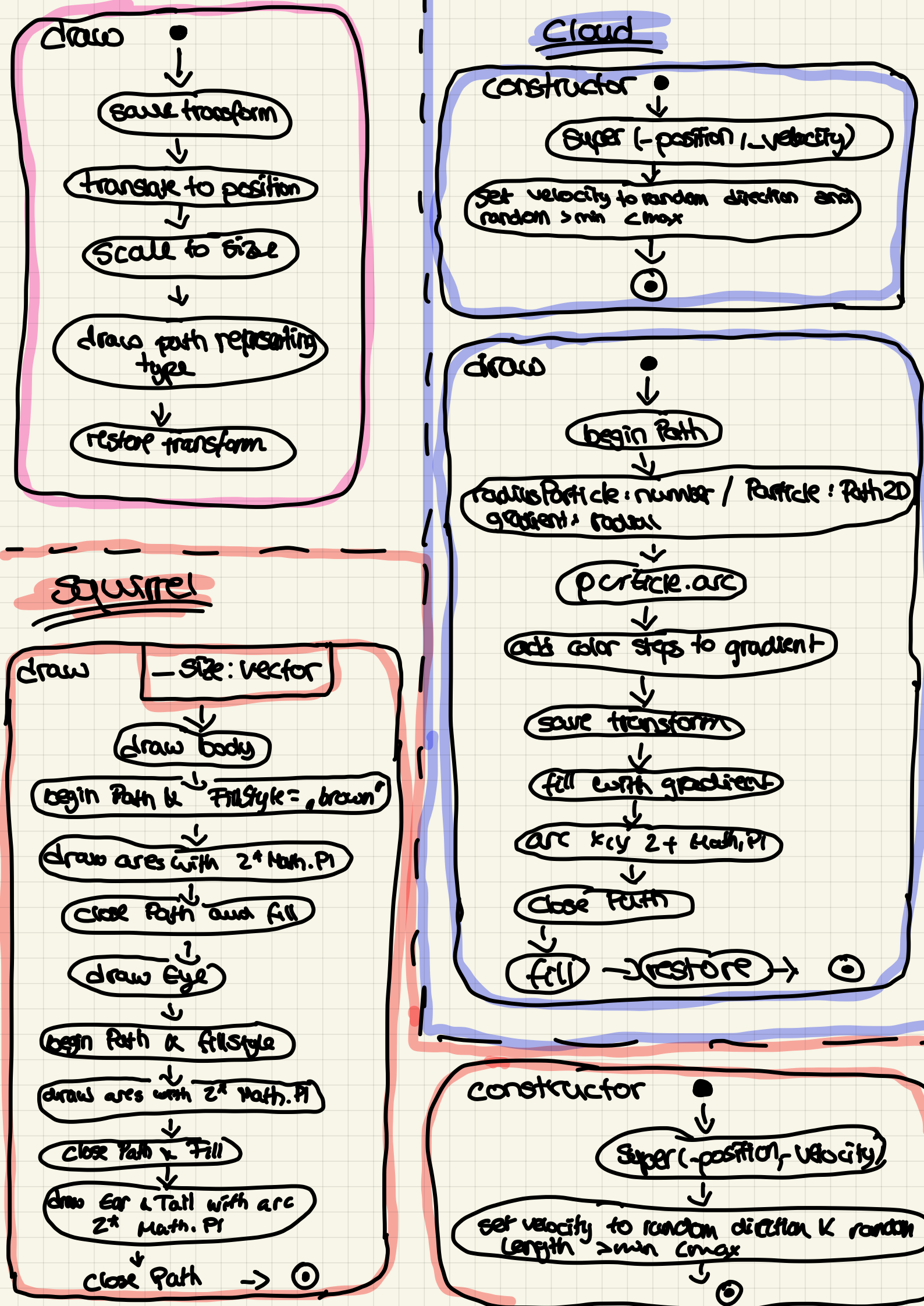
Moveable



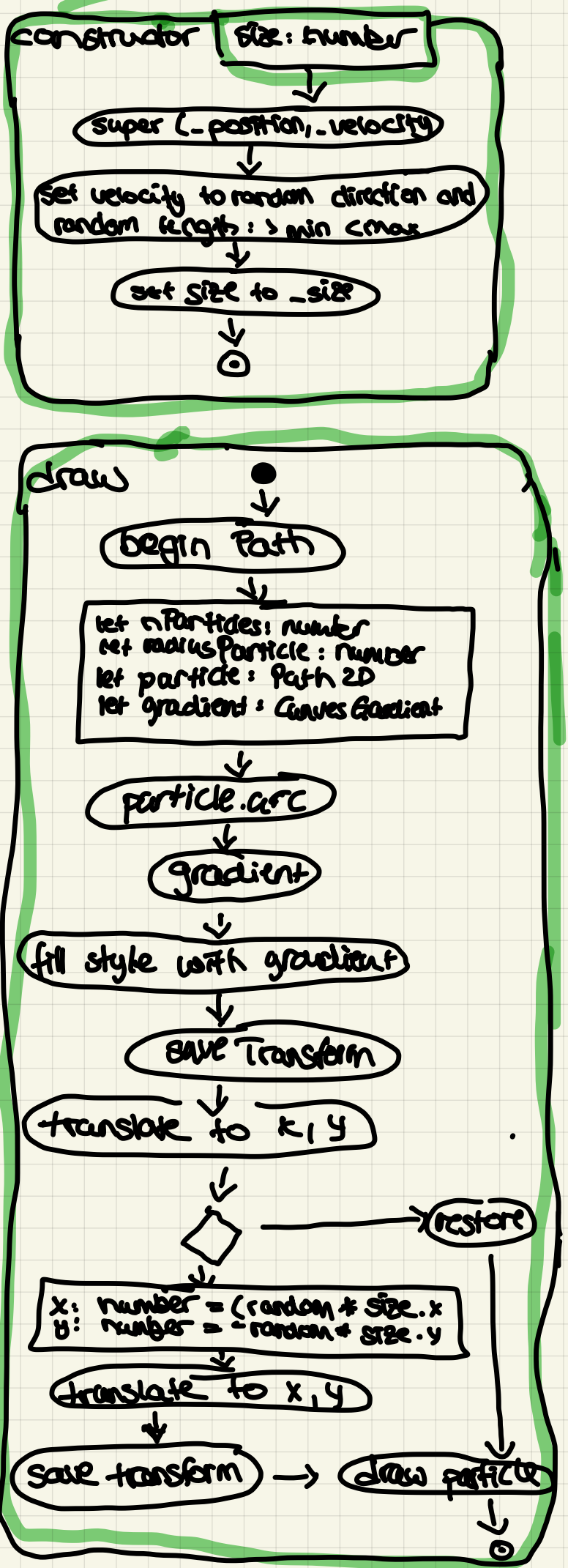







draw
save transform
translate to position
scale to size
draw path representing type
restore transform
Cloud
constructor
super (_position, _velocity)
set velocity to random direction and random > min < max
draw
begin Path
radiusParticle : number / Particle : Path2D
gradient : radial
particle.arc
adds color steps to gradient
save transform
fill with gradient
arc x,y 2 * Math.PI
close Path
fill
restore
Squirrel
draw
_size : vector
draw body
begin Path & FillStyle = "brown"
draw ares with 2 * Math.PI
close Path and fill
draw Eye
begin Path & fillstyle
draw ares with 2 * Math.PI
close Path & Fill
draw Ear & Tail with arc 2 * Math.PI
close Path
constructor
super(_position, _velocity)
set velocity to random direction & random length > min < max

Leafs


constructor
size: number
super(_position, _velocity)
set velocity to random direction and random length: > min < max
set size to _size
draw
begin Path
let nParticles: number
let radiusParticle: number
let particle: Path2D
let gradient: CanvasGradient
particle.arc
gradient
fill style with gradient
save Transform
translate to x, y
restore
x: number = (random * size.x
y: number = -random * size.y
translate to x, y
save transform
draw particle