vow 7 controller -> backend "collide"

NAMES: attacker, prey extendable

MAKE FRONT. END 'look like'

(o LOOK up binding objects

APIS: public method

grid back-end, front-end coordinates grid

belit q balloons in the backend (farthert
along in
their radius)

Backend:

Configuration Loader

ocsvichoose your own path (extra feature)

Tower

[abstract]

o abstract

7 shoot

oreate
specific
whethere certled
por tower,
set
speed;
directions
builts

- · price
- oradins [shoot]
- o rank
- · up grade (abstract)

Balloon [abstract]

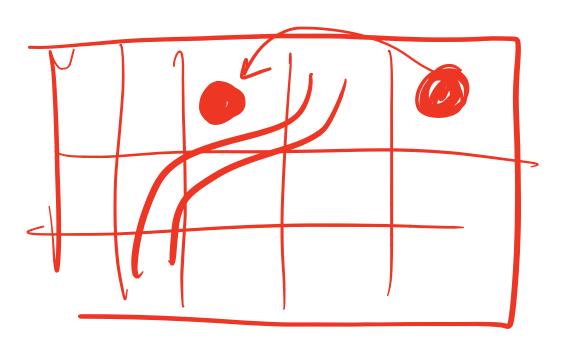
- · pop (private)
- o abstract Fon Collision
 - ° health
 - · update Balloon

Special organish special speci

Bullets o strength/damage o speed camnons, míssiles enum

Player orank?

- · nealth bar.



(path)

0 0 0 0 1 0

0 0 0 0 1 0

0 0 0 0 1 0

0 0 0 1 1 0

0 0 1 1 0 0

Some amount
dimisto /40

of garass

if balloon is in the grid, pap it

how to more the balloons

on the front thu sinosing.

> cell/second

parkend valloon
iterate over cellfront-end (smoother)

FRONT-END

Target View

Attacker Vien

BulletView

GameDisplay

Landscape

Store View

· animation

panse

GnidView

·Timeline

Path

(austract)

(abstract) PowerUps Display
Indicator
update Status()

vens for

health bar

Coins

Controller

- instance of backend Grid
- * instance of frontend Gn'd
- binding objects to each other
- Step method (wantinous)
 is update Balloons
 is update Backend Gnid
 (w) new towers)

La upgrade Towers by update Clayer (ex'. Can the user)
buy this
tother?

Cheat keys

4 speed up animations
4 skip level
4 add wins

· level-based updater