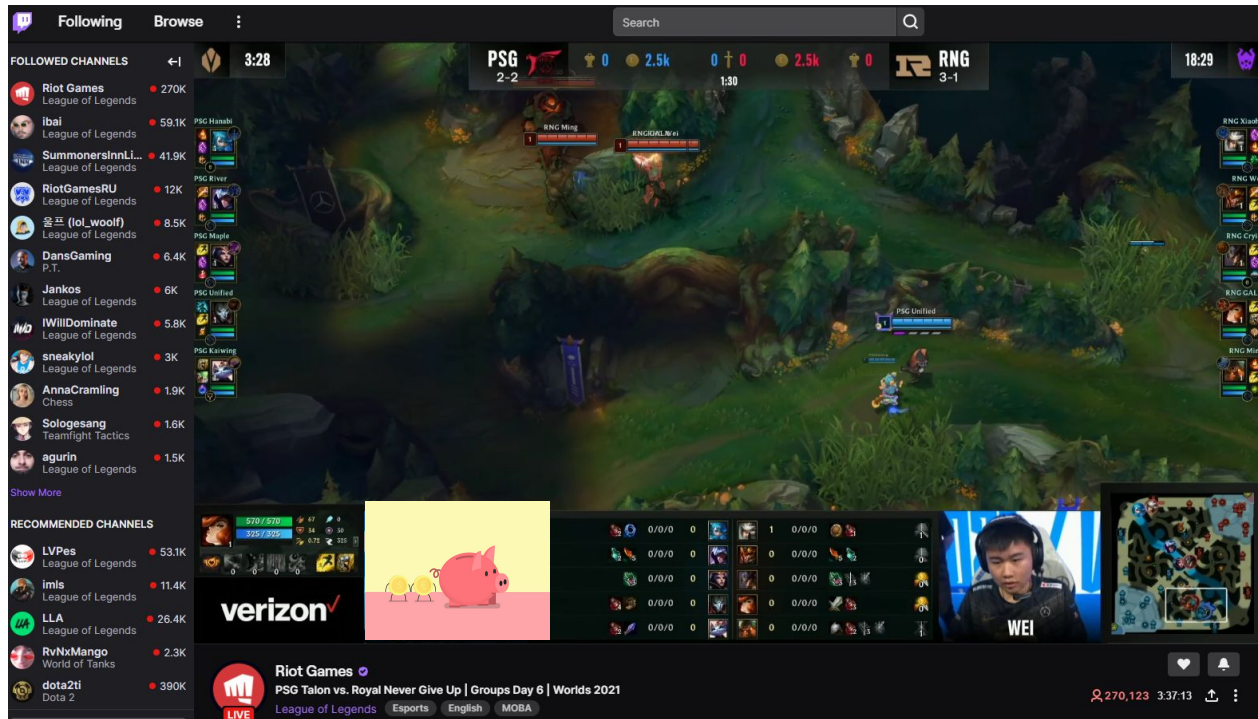




# Project: Feed the Pig

A loveable stream overlay





A loveable pig, fed by donations and telling the story of Charity Royale's community.

Encouraging viewers to donate and be part of the community.



# Core Features

## - Donations

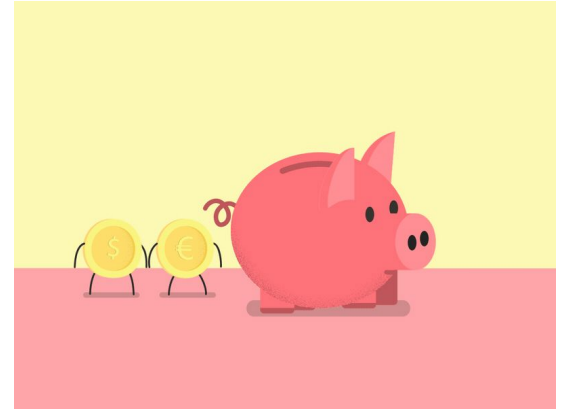
- Triggers animations based on amount
- Donation combos
- (Name of the donator visualized - Label)

## - Levels (XP)

- Size of the Pig changes
- Becomes more shiny the more donations
- Donators count visualized

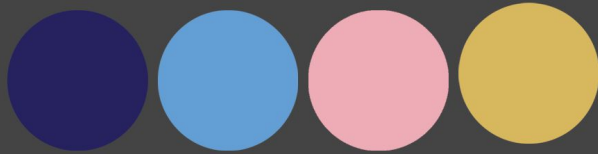
## - Flexibility

- Hide and show character on stream
- Character position on overlay



# Charity Royale Stream Character

## Moodboard



# Stage 01 - Piglet sees the light

- Character
  - **Idle state(s)** displayed on overlay
    - Sleep, Scratch & Itch, Standing, Chasing the tail
  - Donation animation trigger on donation event
- Control panel
  - Character can be freely positioned on a Full-HD resolution canvas
  - Visibility toggle (show, hide)



# Stage 02 - Pig's awakening

- Character
  - 2€+ donation event
  - 10€+ donation event
  - 100€+ donation event
  - Every 20.000€ mark changes appearance of the character
    - crown, shinyness, size, cuteness
- Donation Event Improvement
  - Donations are held in a queue which appear after each other
- Feedback loop and animation improvements
  - Playtesting

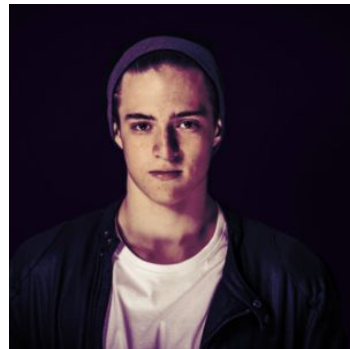


# Stage 03 - Pigyond the horizon

- Character
  - 50€+ donation event
  - 500€+ donation event
  - 1000€+ donation event
    - Including physics and interaction with other elements (coins, jetpack, ...)
  - **Hype train concept**
    - If more than 10 donations are made in 2 minutes the character enters a super saiyajin mode which can be kept up by more donations

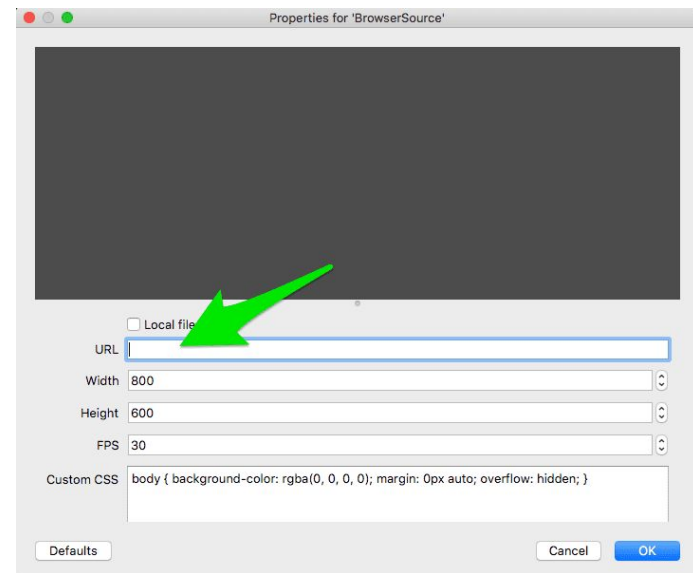


streamer



## How to use?

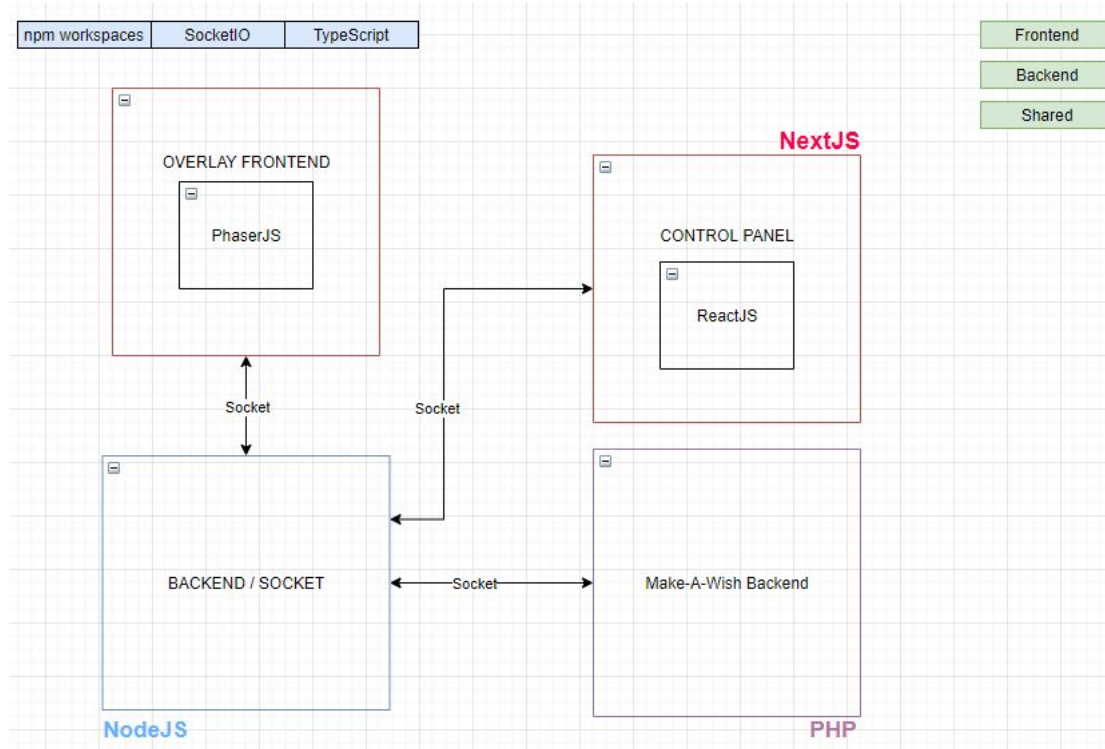
1. Streamers and community streamers receive link to the overlay
  - TBA [subdomain].redcouch.at
2. They embed the received link in their streaming software of choice (e.g. OBS Studio, vMix, ...) as a “browser-source” which covers the whole window
3. They position the character via the control panel
  - TBA [subdomain].redcouch.at/control-panel
4. The end.





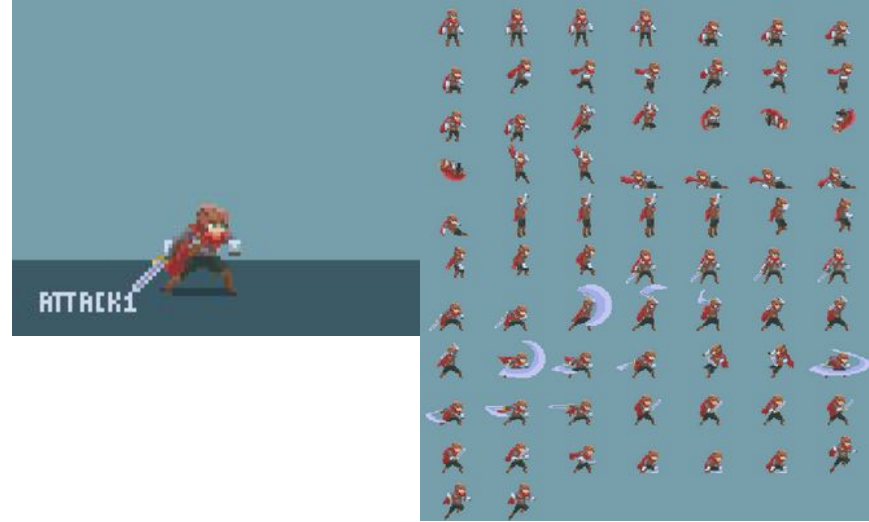
# Tech Stack & Flow Chart

- NPM Workspaces
- Frontend, Backend, Shared
- TypeScript
- SocketIO
- NodeJS
- NextJS
- PhaserJS
- Make-A-Wish Service
- External Services
  - Netcup vServer
  - [subdomain].redcouch.at



# Asset List

- Pig Character Static
  - 2D
  - Full-HD friendly
  - .PNG
  - Transparent background
- Pig Character SpriteSheetAtlas
  - 2D
  - Full-HD friendly
  - .PNG
  - Consistent frame height and width
  - Transparent background
  - Contains other assets as well



# Development Team

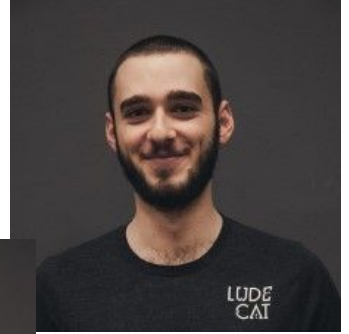
Lead & Dev: Patrick

Dev: Alex

Artist: Mira

Supporter: Flo

Supporter: David



# Stage 04 - “Beyond the barn”

- Sound
  - Charity Royal Logo in Pig integrated / charity pig
  - Project recognition
- 
- Pig friends
  - Barn assets
  - **Customizability for streamers (changes color to fit stream)**
  - Pig talk animation when enabled and streamer talkin
  - Chat Integration
  - Season pass
  - Currency / credit system
  - AR, NFTS, Blockchain, AI, ML, buzzwords, ...

