



Charity Royale 2022

Development Plan

Introduction

“Enhancing donation akquisition through Twitch focused products to fulfill children’s dreams.”

Implementation Twitch Panel Extension

Implementation Twitch Chatbot

Revision Webapplication




Control Panel Extended

Charity Royate 1-Link-Overlay (1LO)




Feature List

- Text-2-Speech 
 - Extend alerting by providing an auditive feedback
 - Sync/Queue multiple alerts (audio may not overlay)
 - Audio controllable (volume and language) over Control Panel
 - Languages & grammar configurable by streamer
- Add Wish Widget to Control Panel
 - Visuals are provided by NetRock Entertainment / Implementation on Control Panel side
 - Streamers can configure shown widget via Control Panel
 - Toggle for active current wish (shown in panel - configurable)
 - Rotating fulfilled wishes underneath (not controllable - automode)
- Tweak audio feedback with more versatile sound effects
 - Catchy, known meme sounds (vary by donation amount)



Other changes

- Remove pig position presets (replaced by audio control) 
 - Streamers got confused that they cannot drag on control overlay
- Show dragging indicator `onDrag` (border color)
- Smaller control UI on the left
- Provide Link to MAW Dashboard (similar to overlay link for streaming software)
- Passwords per Streamer (no master password)
- Nice-To-Have:
 - Scaleable on click for overlay elements (widget, alert, ..)
 - Min/Max size threshold scalability improvements
 - *Multiple streamer pages ("complex" implementation effort) - useful at all?*
 - Rename "Project: Feed the Pig" to Charity Royale Stream Overlay (1LO)
 - Copy-To-Clipboard on Overlaylink
 - DB for backend



Twitch Panel Extension

Charity Royale Panel Extension

twitch





OVERVIEW



23,300€

DONATE

Goal: 150.000€

OVERVIEW

LEADERBOARD

SCHEDULE

FAQ



LEADERBOARD

	VeniCRAFTxx	5,000€
	VeniCRAFTxx	3,000€
	VeniCRAFTxx	1,000€
	VeniCRAFTxx	500€
	VeniCRAFTxx	5€
	VeniCRAFTxx	0,01€

OVERVIEW

LEADERBOARD

SCHEDULE

FAQ



SCHEDULE


 <p>1.224,49€</p> <p>NQRMVN</p> <p>ngman</p> <p>1. Dec um 15:00</p>	 <p>2.717,90€</p> <p>RevedTV</p> <p>revedTV</p> <p>2. Dec um 16:30</p>
 <p>1.224,49€</p> <p>NQRMVN</p> <p>ngman</p> <p>1. Dec um 15:00</p>	 <p>2.717,90€</p> <p>RevedTV</p> <p>revedTV</p> <p>2. Dec um 16:30</p>

OVERVIEW

LEADERBOARD

SCHEDULE

FAQ



FAQ

Was ist Charity Royale?

Charity Royale entstand 2018, als sich Veni und der größte digitale Marktplatz Österreichs willhaben für einen einmaligen 24h-Charity-Stream (damals noch unter dem Namen "Gaming Against Cancer") zusammengetan hatten.

Wo wird meine Spendennachricht angezeigt?

Deine Spendennachricht wird als Alert im jeweiligen Live-Stream automatisch angezeigt.

OVERVIEW

LEADERBOARD

SCHEDULE

FAQ

“Enhancing donation akquisition by providing interactive transparency and content for viewers without leaving the twitch stream.”

Feature List

- **Schedule**
 - Streamername, date of stream, total donation sum of streamer
- **FAQ section**
 - Light version of charityroyale.at FAQ page
- **Donation goal and progress**
 - Shown on main page
- **Donation button is shown generously**
 - Links to charityroyale.at
- **Leaderboard**
 - Username, total donation amount
 - Streamer
- **Works on Twitch Mobile App and Twitch Web (twitch.tv)**



Phase 1:

- Implement Layout
- Navigation buttons
- Donation goal with progress is shown
- A donation button links to the website to donate
- FAQ section with static content
- Leaderboard and Schedule navigation is disabled
- Submission to Twitch Extension review
- Research limitation of donation embedment (<iframe>), external links and backend communication services



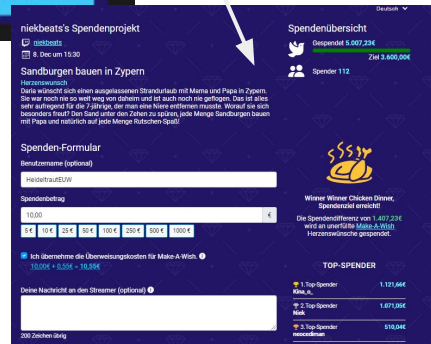
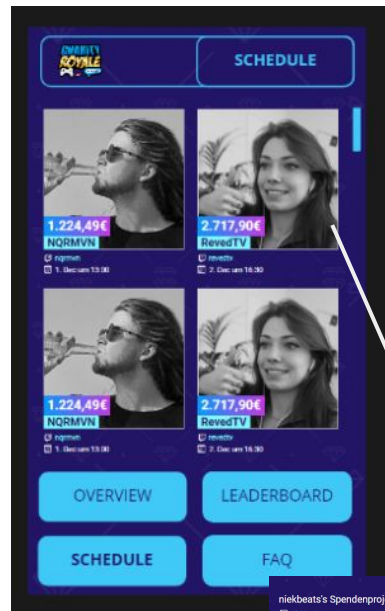
Phase 2:

- Top 25 donators leaderboard
 - name
 - donation amount
- Streamer schedule is available (*reuse webapplication component*)
 - *name*
 - *date*
 - *donation amount collected*
 - *avatar*
 - *link to channel*



Phase 3:

- `<iframe>` embedded donation form for each wish
- Implement extension configuration service to set link of current donation button
- Each streamer singleview displays current progress, goal and details similar to e.g. <https://charityroyale.at/donate/niekbeats/daria-zypern>
- Add @charityroyale twitch feed



Tech-Stack

- NPM
- Nextjs (SSG → static export “mobile.html”, “panel.html” & optionally “config.html”)
- Typescript
- Jest
- Fetch API
- Twitch API
- Twitch Streamer Configuration Service
- (PubSub?)

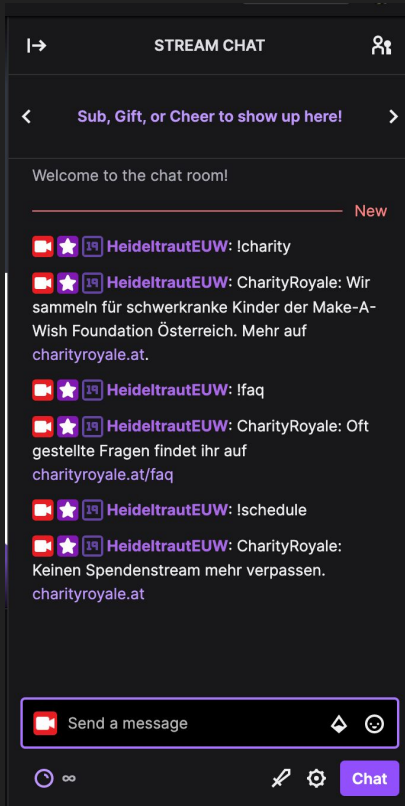


Twitch Chatbot

CharityRoyaleBot9000

twitch





HeideltrautEUW: !spenden

HeideltrautEUW: CharityRoyale:
HeideltrautEUW sammelt derzeit für Tobias. Du
kannst auf
<https://charityroyale.at/donate/veni/andrea-ramsau> spenden.

HeideltrautEUW: !edit spenden
"CharityRoyale: HeideltrautEUW sammelt
derzeit für Tobias. Du kannst auf
<https://charityroyale.at/donate/veni/blablbal>
spenden."

"Enhancing donation akquisition by providing interactive transparency and content for viewers without leaving the twitch stream."



Feature List

- Twitch ChatBot may connect to CR2022 stream channels
- Each streamer can configure its own set of command
 - UI by streamers
 - Chat commands by streamers and mods
- Default commands managed by CR2022 team
 - UI with Auth
 - Developer changes
- Catchy Chatbot name



Phase 1: Baby Bot

- Default commands for all channels
- Can connect to *any* channel
- Streamers and moderators can add, edit and delete commands via twitch chat (in-memory storage)
- Fancy name
- Spam protection (timeout)



Phase 2: The Grown-Up

- TwitchBot can only join allowed twitch channels
- Only Charity Royal members can add, delete and edit global commands
- Only Charity Royal members can add, delete and edit channels specific commands
- Commands are persists (not in-memory)
- TwitchBot is deployable via push on main via GitHub CI



Phase 3: Godmode

- Auth protected UI to configure ChatBot accordingly (“TwitchBot Headless CMS”)
 - AllowList of channels
 - Custom commands per channels
 - Simple Webpage
- ChatBot analytics
 - Persists analytical data
 - Amount of messages sent
 - Amount of each specific command used
 - Shown in “TwitchBot Headless CMS”
- Use 3rd party API for improved experience
- Add playful experience features such as collectables, coins, achievements, ...



Tech-Stack

- TypeScript
 - NodeJS
 - TMI.js
 - NPM
 - Docker + Traefik
 - CI/CD *TBA*
-
- Optional: NextJS application to configure TwitchChatBot



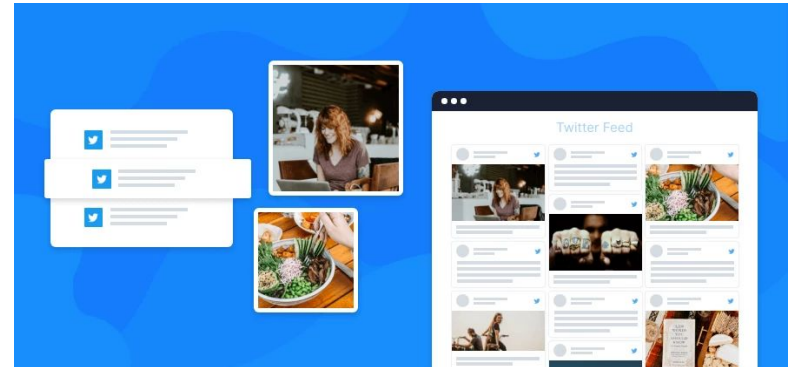


Charity Royale Website

charityroyale.at

Major Changes (Optional)

- *Add allowlist of tweets to be shown on webpage*
- *Fix unavailable twitch channels to shown default avatar instead of endless loader*
- *Adapt CMS and MAW backend services to satisfy TBA features*
- *Add Twitter Feed @charityroyale or/and streamers to singleviews*
- **Buy Domains**
 - .tv, .stream, .de, .com, .org
- **Links/Icons to Insta/Twitter/TikTok**



Minor Changes

- Review Accessibility
- Improve CMS UI validation and input behaviour to mitigate issues



Development Team

Lead & Dev: Patrick

Dev: Michi

Product Design: Veni

Product Design: Franz

