

(our more professional process is here)

Brainstorming:

- ~~One teammate held the other teammates hostage until they chose~~
 - Just kidding! A teammate brought up their love for frogs, someone else had to do their daily login for a gacha game, and the last teammate was using Discord. We figured we should just combine all three somehow

Development:

- We decided to split up into different groups to help 'speed up' the process – basically divide and conquer. One teammate covered the backend and coding of the bot while the other two focused on visual aesthetics, design, and handled the submissions and frontend in general.

Process:

- We just kept steamrolling through our milestones which was kinda cool? Genuinely didn't think we'd get a lot done, especially because this was some of our first hackathons, and all our first hackathon as a team.

Other things to note:

- We wanted to design around our own interests which helped us stay focused and motivated throughout the hackathon. Our interests also developed our strengths.
- We were all frantic about the deadline at 12:45 until we realized we had 15 minutes of leeway and breathed a sigh of relief
- Submitting the project felt surreal honestly.
- We had not eaten in a good 12+ hours so we're gonna go eat something now

Thanks for reviewing our project and have a nice day! :)

(our actual crazy process starts here)

Description: A gacha-inspired frog bot that aims to raise awareness of frog species and their endangerment by allowing you to 'roll' them. Depending on the species' 'rarity' - that is, how endangered they are - they are harder to roll for and acquire (unless you have luck!)

Goals:

- ~~Use discord embeds to create a 'frog gacha'~~
 - ~~Based off of math.random percentages~~
 -
- ~~More endangered frogs, the higher the rarity~~
 - ~~Each frog message will provide:~~
 - ~~Name of frog species~~
 - ~~Scientific name of frog~~
 - ~~Picture~~
 - ~~Rarity (Common, Rare, Legendary)~~
 - ~~puns..?~~
- ~~Plans for organization~~
 - ~~Listing and indexing~~
 - ~~If [common] then [common variable random length randomized]~~
 - ~~Common variable index → gives name, scientific frog (description), and picture (URL)~~
- ~~NEED TO ADD IMAGE ??~~
- ~~Make a !start command~~

HTML STUFF

- Add a link to add the bot to your own server
- Edit text so that it doesn't say "bot provides links" cuz idk how to do that
 - NVM I LEARNED HOW
- Domain.com .tech name
- About the team tech page <33 ??

JS BOT STUFF

- Add !about command w/ links to repo + github
- Add replit link and website link to !about

OTHER

Rename bot?? Fracha-bot => frog-gacha? A pun of some sorts?? Frogshin impact ?? would we have to worry about copyright??

["Smooth Frog", <https://nationalzoo.si.edu/sites/default/files/animals/smoothsidedtoad-001.jpg>

"Bilingual Froglet",
https://museum.wa.gov.au/sites/default/files/imagecache/wam_v2_page_full_gallery/photo-galleries/555.jpeg

"Quacking Frog",
https://museum.wa.gov.au/sites/default/files/imagecache/wam_v2_page_full_gallery/photo-galleries/505.jpeg

"Moss Froglet", https://live.staticflickr.com/4109/5394733582_a42a0d9fe0_b.jpg

"Orange-bellied Frog",
https://museum.wa.gov.au/sites/default/files/imagecache/wam_v2_page_full_gallery/photo-galleries/271.jpeg

"Small Western Froglet",
<https://inaturalist-open-data.s3.amazonaws.com/photos/46983005/original.jpg>

"Karri Frog",
https://res.cloudinary.com/ausmus/image/upload/c_fill,g_auto,h_450,q_auto,w_800/b7qp9djeqekbmynhoxzm

"Vaillant's Frog", <https://inaturalist-open-data.s3.amazonaws.com/photos/1656167/large.jpg>

"Robber Frog",
https://upload.wikimedia.org/wikipedia/commons/3/37/Elleutherodactylus_mimus.jpg

"Rocket Frog", https://upload.wikimedia.org/wikipedia/commons/a/a1/Litoria_nasuta.JPG

"Green Frog",
<https://www.naturewatch.ca/frogwatch/wp-content/uploads/sites/2/2014/07/Green-Frog-Nicole-Richards.jpg>

"Painted Frog"]
https://www.edgeofexistence.org/wp-content/uploads/2017/05/Latonia_nigriventer_Photo_Frank_Glaw-1.jpg

nameRare = ["Kloof Frog", <http://thebdi.org/wp-content/uploads/2021/11/005885-1.jpg>

"Giant barred frog",
https://upload.wikimedia.org/wikipedia/commons/b/ba/Mixophyes_iteratus.jpg

"Giant Slippery Frog", https://upload.wikimedia.org/wikipedia/commons/d/d7/Goliath_Frog.jpg

"Lake Junin Frog", https://upload.wikimedia.org/wikipedia/commons/f/f4/Rana_de_Junin_22.jpg

"Sphagnum frog",
https://upload.wikimedia.org/wikipedia/commons/thumb/3/3c/Sphagnum_Frog_-_Philoria_sphagnicolus.jpg/1200px-Sphagnum_Frog_-_Philoria_sphagnicolus.jpg

"Eungella Torrent Frog"]
https://upload.wikimedia.org/wikipedia/commons/3/37/Taudactylus_eungellensis_1.jpg

nameLegendary = ["Corroboree Frog",
https://www.environment.act.gov.au/__data/assets/image/0003/751287/Cfrog5.JPG

"White-bellied Frog"]
https://museum.wa.gov.au/sites/default/files/imagecache/wam_v2_page_full_gallery/photo-galleries/256.jpeg

Name	Scientific Name	Picture	Endangerment/Rating
spencer's river tree frog Nickname: Spencers	Litoria spenceri		Critically Endangered = 5 star
Goliath frog Nickname: Jeralt	Conrura goliath		Endangered = 4 star
Mountain Yellow Legged Frog Nickname: Jaundice	Rana mucosa		Endangered = 4 star

Demo

My friends and I LOVE frogs. But something bugs us about them, and it's not just the amount of puns they have to offer.

(Clip of frogs)

According to the 2012 IUCN Red List, around 29% of frog species around the world are threatened! We don't want to see our amphibian friends go, and that's why we created frogspawn.

(Clip of IUCN Red List)

Frogspawn is a bot created with discord.js that you can add to your Discord servers and use with friends. Our website explains the purpose of the bot and displays a few of its abilities.

(Clip of the website)

If you go to our website, you can add frogspawn to your server, and collect frogs with your friends.

(Clip of adding the bot to your server)

It essentially functions as a gacha-inspired game that allows users to roll for a frog and learn about new frog species. While most users will get common frog species, a few users will be able to get rare frog species, with each frog's rarity depending on their endangerment level.

The !start command displays the different commands our bot has to offer.

Our bot will react with a frog emoji to any message containing the word frog!

We can type !friend to get a common, rare, or legendary frog.

Nice! We got a _____ frog. Its scientific name is _____ and its rarity is _____. If you click on this link, you can learn more about the state of its species. Here, we can see that it's _____ (endangered state)

We can also type !donate to get a list of amphibian conservation programs we can donate to so that we can raise the spawn rate of our favorite frogs.

The !about command explains more about the origin of the bot and why we made it. It also contains a few links to external sites if you want to see its code.

Our bot aims to spread our love for frogs, raise awareness of their endangerment, educate people about frog species, and encourage people to donate to environmental conservation programs. Thank you for your consideration!

<https://km776.github.io/frogsinstem/>

What we learned

What's next

Accomplishments that we're proud of

Working discord bot with decent interaction and commands! Also a really pretty website with nice front-end for our first time coding, honestly.

gogogogogo

*** Tell us how your experience with MLH's sponsor technology went.**

Give us some feedback about any of the technology you interacted with at this hackathon. Make sure you mention what tech you're reviewing (e.g. Twilio, GitHub, DeSo etc.).