

Pull All The Things - Guild Roster Setup Guide

What You're Getting

- **roster.html** — Sign-up form where guildies enter their availability + characters
- **roster-view.html** — Dashboard showing team availability, full roster, and composition gaps
- **google-apps-script.js** — Backend code that stores everything in Google Sheets



Cost: \$0 (Google Sheets + GitHub Pages are both free)

Quick Start (10 minutes)

Step 1: Create the Google Sheet

1. Go to [Google Sheets](#) and create a new spreadsheet
2. Name it "Pull All The Things Roster" (or whatever you want)
3. Share it with your officers (give them Editor access)
4. Keep this tab open

Step 2: Set Up Google Apps Script

1. In your Google Sheet, click **Extensions** → **Apps Script**
2. Delete all the default code in the editor
3. Open **google-apps-script.js** and copy the ENTIRE contents
4. Paste it into the Apps Script editor
5. Click the **Save** icon () or press Ctrl+S
6. Click **Deploy** → **New deployment**
7. Click the  gear icon and select **Web app**
8. Configure:
 - **Description:** "Guild Roster API" (or anything)
 - **Execute as:** Me
 - **Who has access:** Anyone

9. Click **Deploy**
10. Click **Authorize access** and go through the Google permissions
11. **Copy the Web app URL** — it looks like:

`https://script.google.com/macros/s/AKfycbx.../exec`

Step 3: Update the HTML Files

Open **roster.html** and find this line near the top of the `<script>` section:

```
javascript  
  
const APPS_SCRIPT_URL = 'YOUR_APPS_SCRIPT_WEB_APP_URL_HERE';
```

Replace `YOUR_APPS_SCRIPT_WEB_APP_URL_HERE` with your actual URL. **Keep the quotes!**

Do the same thing in **roster-view.html** — same line, same replacement.

Step 4: Upload to GitHub

1. Go to your shadowedvaca-site repo
2. Click **Add file** → **Upload files**
3. Upload both **roster.html** and **roster-view.html**
4. Add a commit message like "Add guild roster"
5. Click **Commit changes**
6. Wait ~1 minute for GitHub Pages to deploy

Step 5: Test It!

- Sign-up form: `https://shadowedvaca.com/roster.html`
- Dashboard: `https://shadowedvaca.com/roster-view.html`

Submit a test entry and verify it shows up in your Google Sheet!

How It Works

Data Model

The script creates two sheets automatically:

Availability Sheet (one row per person):

Discord	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Notes	Updated
Trog	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	Can't do Thu	1/15/2026

Characters Sheet (many rows per person):

Discord	Character	Class	Spec	Role	Main/Alt	Created	Updated
Trog	Trogtotem	Shaman	Restoration	Healer	Main	1/15/2026	1/15/2026
Trog	Trogsmash	Warrior	Fury	DPS	Alt	1/15/2026	1/15/2026

Main/Alt Logic

- Each Discord user can only have ONE main at a time
- When someone submits a new character as "Main":
 - Their previous main is automatically demoted to "Alt"
 - The new character becomes their main
- Alts don't affect each other

Availability Updates

- When someone submits, their availability is updated (not duplicated)
- They can change their availability anytime by submitting again
- Notes field is for explaining exceptions

Officer Tools

The Apps Script includes utility functions you can run manually:

View Roster Summary

1. Open your Google Sheet
2. Go to **Extensions** → **Apps Script**
3. In the function dropdown (top), select **getRosterSummary**
4. Click **Run**
5. Click **View** → **Logs** to see the summary

Remove a Player

1. Open the Apps Script editor
2. Find the `removePlayer()` function
3. Change `'ENTER_DISCORD_NAME_HERE'` to the actual Discord name
4. Run the function
5. Check logs for confirmation

Remove a Specific Character

Same process, use `removeCharacter()` function.

Fix Main/Alt Mistakes

Use `setCharacterAsMain()` to manually set a specific character as someone's main.

Clean Up Duplicates

Run `cleanupDuplicateCharacters()` to remove duplicate entries (keeps the newest).

Dashboard Views

Availability Tab

- Bar chart showing what % of the team is available each day
- Click any day to see WHO is unavailable and their reason
- "Best Raid Days" summary at the bottom

Full Roster Tab

- Table of all characters with class colors
- Toggle to show mains only or include alts
- Shows discord name, character, class/spec, role, main/alt status

Composition Tab

- Tank/Healer/DPS counts vs targets (2/4-5/13-14)
- Class distribution grid
- "Potential Gaps" alerts
- **Wowhead Export** — One-click button to open your mains in Wowhead's Raid Composition tool, pre-populated with all specs and character names

Note: The Wowhead export uses spec codes that map to their raid-composition tool. If a spec doesn't load correctly (especially newer specs like Devourer), you may need to add it manually on Wowhead. The tool will warn you if any specs couldn't be exported.

Sharing with Your Guild

Post in Discord:

 ****Midnight Roster Sign-Up****

Sign up for the new expansion! Enter your availability and characters:

 <https://shadowedvaca.com/roster.html>

View the team roster and availability:

 <https://shadowedvaca.com/roster-view.html>

You can submit multiple characters. Update anytime!

Troubleshooting


"Submitted" but nothing in sheet

- Make sure you deployed as a **Web app** (not just saved)
- Make sure "Who has access" is set to **Anyone**
- Double-check the URL is pasted correctly in both HTML files

Dashboard shows "Unable to load"

- Same checks as above
- Try opening the Apps Script URL directly in your browser — you should see JSON data

Need to update the Apps Script

1. Make your changes in the editor
2. Click **Deploy** → **Manage deployments**
3. Click the  pencil icon
4. Change version to **New version**
5. Click **Deploy**

CORS errors in browser console

This is normal with `no-cors` mode — submissions still work, you just can't read the response.

Customization Ideas

Change raid time display

Search for "9pm - 11pm EST" in both HTML files and change to your raid time.

Add more fields

1. Add an input in roster.html
2. Include it in the `data` object in the submit handler
3. Update the Apps Script to save it

4. Redeploy the Apps Script

Change role targets

In roster-view.html, search for "Need: 2" / "Need: 4-5" / "Need: 13-14" and adjust.

Files Summary

File	Location	Purpose
roster.html	GitHub repo (public)	Sign-up form
roster-view.html	GitHub repo (public)	Dashboard
google-apps-script.js	Apps Script editor only	Backend (don't upload to GitHub)

Questions? You know where to find me. Good luck with Midnight! 🦋