



Podcaster

A GenAI app to create podcasts using PromptSpace

Background

- We're building PromptSpace, Streamlit for GenAI apps.
 - Applications can be specified in a DSL designed by PromptSpace
 - Builders can focus on UX and data flows, instead of managing backend, job queues, UI, API keys, etc.
- For this hackathon, we using PromptSpace to prototype Podcaster, inspired by the Wondercraft demo

Podcaster App

- We designed the app to follow Wondercraft's demo
 - Enter the name and topic of the podcast as well as the topic of the episode.
 - Podcaster generates a draft of the script.
 - Edit the script as you desire.
 - Select music for the intro and outro.
 - Select the narrator's voice.
 - Podcaster generates the audio.
 - Listen to and download the audio.

Podcaster App

- Demo -

<https://promptspace.app/runs/68a02d5a-a31e-4d6e-9079-85df9d6ec34c>

- App Specification in PromptSpace Language (PSL):

<https://github.com/PromptSpace/apps/blob/main/podcaster.ini>

Future Work

- Podcaster
 - Prompt engineering to improve script generated by GPT.
 - Make separate calls to eleven labs to insert strategic pauses

- PromptSpace
 - Payments & credits to help builder monetize.
 - GUI for builders to create apps with no code.
 - Build out a full component library that caters to any GenAI app.
 - Iterate on PSL to support all manner of custom models.