Boom AI Assessment

Verlon Salaysay

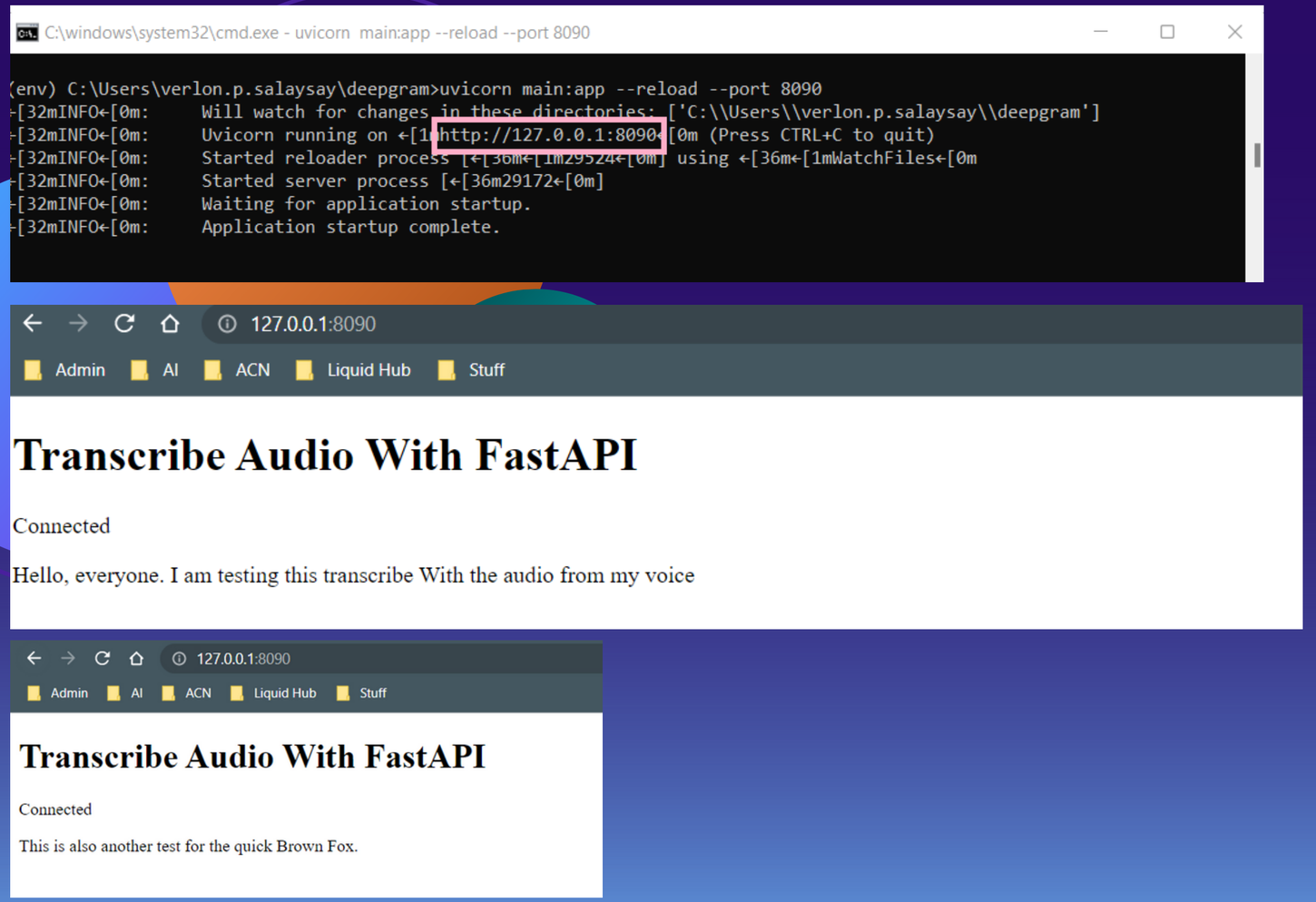
#4 - Go through Deepgram's documentation and script out, using python, a realtime speech-to-text transcription service. The code itself is literally on the front page of the website. If you still can't find it, I have linked another reference here. You can sign up for free credits in order to get an API token.

- Demonstrate, using your mic, that you are able to perform live transcription from speech and display the text either in a terminal or a simple web UI.
- As part of the transcription service, identify the keywords that end in a vowel and append a "-v" to that word. (don't build a machine learning model. Just perform classic deterministic identification)
  - Transcript "The quick brown fox" becomes "The-v quick brown fox"
- As part of the transcription service, identify the keywords that end in a consonant and append a "-c" to that word. (don't build a machine learning model. Just perform classic deterministic identification)
  - Transcript "The quick brown fox" becomes "The-v quick-c brown-c fox-c"
- Bonus points: Host it on a free AWS EC2/GCP VM/DigitalOcean Droplet

Solution Reference:

https://github.com/verlonsalaysay/deepgram-transcribe

- **Demonstrate, using your mic, that you are able to perform live transcription from speech and display the text either in a terminal or a simple web UI.**



- As part of the transcription service, identify the keywords that end in a vowel and append a “-v” to that word. (don’t build a machine learning model. Just perform classic deterministic identification)
  - Transcript “The quick brown fox” becomes “The-v quick brown fox”

- As part of the transcription service, identify the keywords that end in a consonant and append a “-c” to that word. (don’t build a machine learning model. Just perform classic deterministic identification)
  - Transcript “The quick brown fox” becomes “The-v quick-c brown-c fox-c”