In 1 Docker Compose Stack Backend Container Frontend Container FastAPI ReactJS / Nginx TailwindCSS Routes - /api http://localhost:3000 copy to Nginx Container App.jsx with src/components index.html npm run build GET /health GET /api/health HealthStatus.jsx "check health of backend" List all transcripts Web Browser /transcriptions $\leftarrow \rightarrow \bigcirc$ GET /api/search & /api/transcriptions TranscriptionList.jsx list and search transcripts Sqlite and play audio files from mounted /audio_storage Search transcripts /search given criteria POST /api/transcribe FileUpload.jsx upload audio files for transcription, get back {batch_uuid} /api Save Transcript= Checks /ws/transcribe_ready/{batch_uuid} Notification.jsx POST transcribe Notify user when transcription /transcribe is ready based on {batch_uuid} get transcript /audio_storage Audio Storage files to -Route all /api traffic to http://backend:9090-Websocket - /ws /transcribe_ready/{batch_uuid} /ws Websocket - Route all /ws traffic to http://backendi9090 inform user when processing is done based on {batch_uuid}