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AI 활용 특강

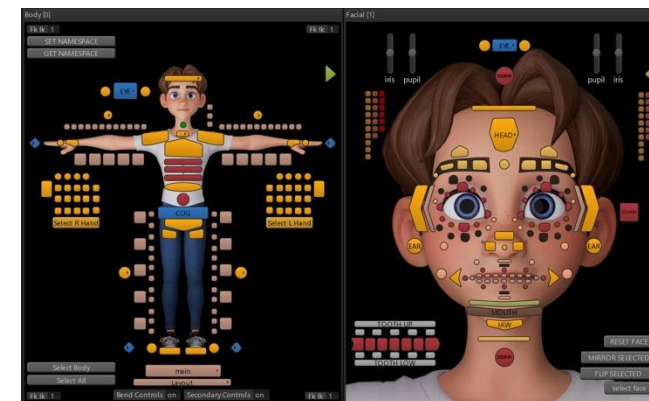
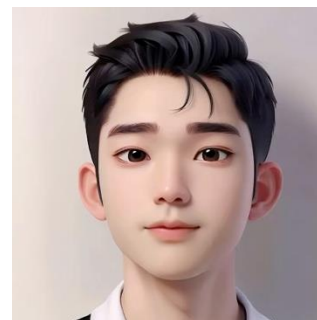
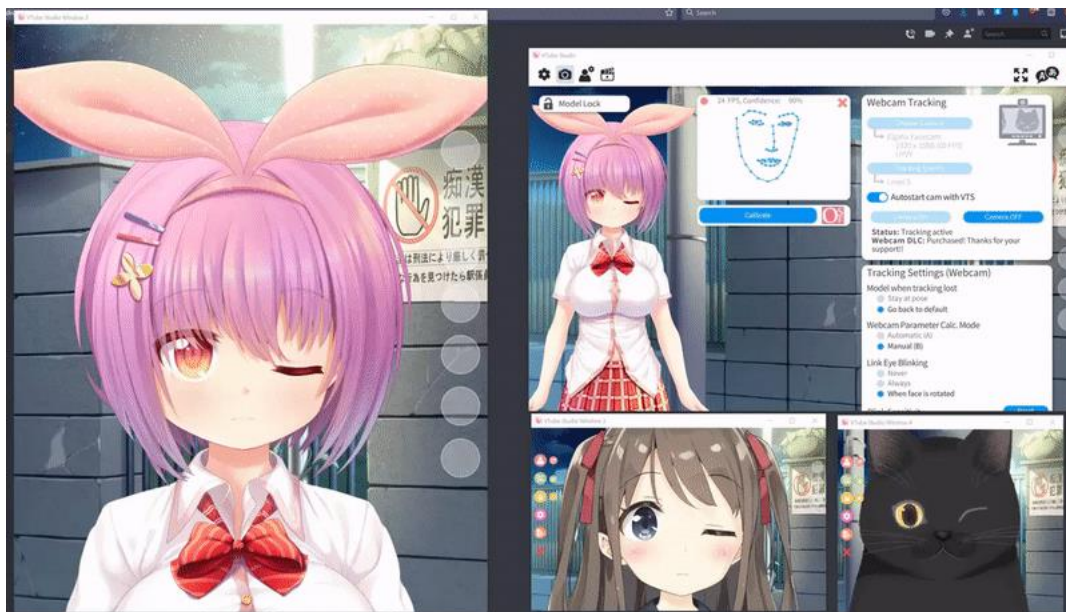
LLM for AI Vtuber(1)

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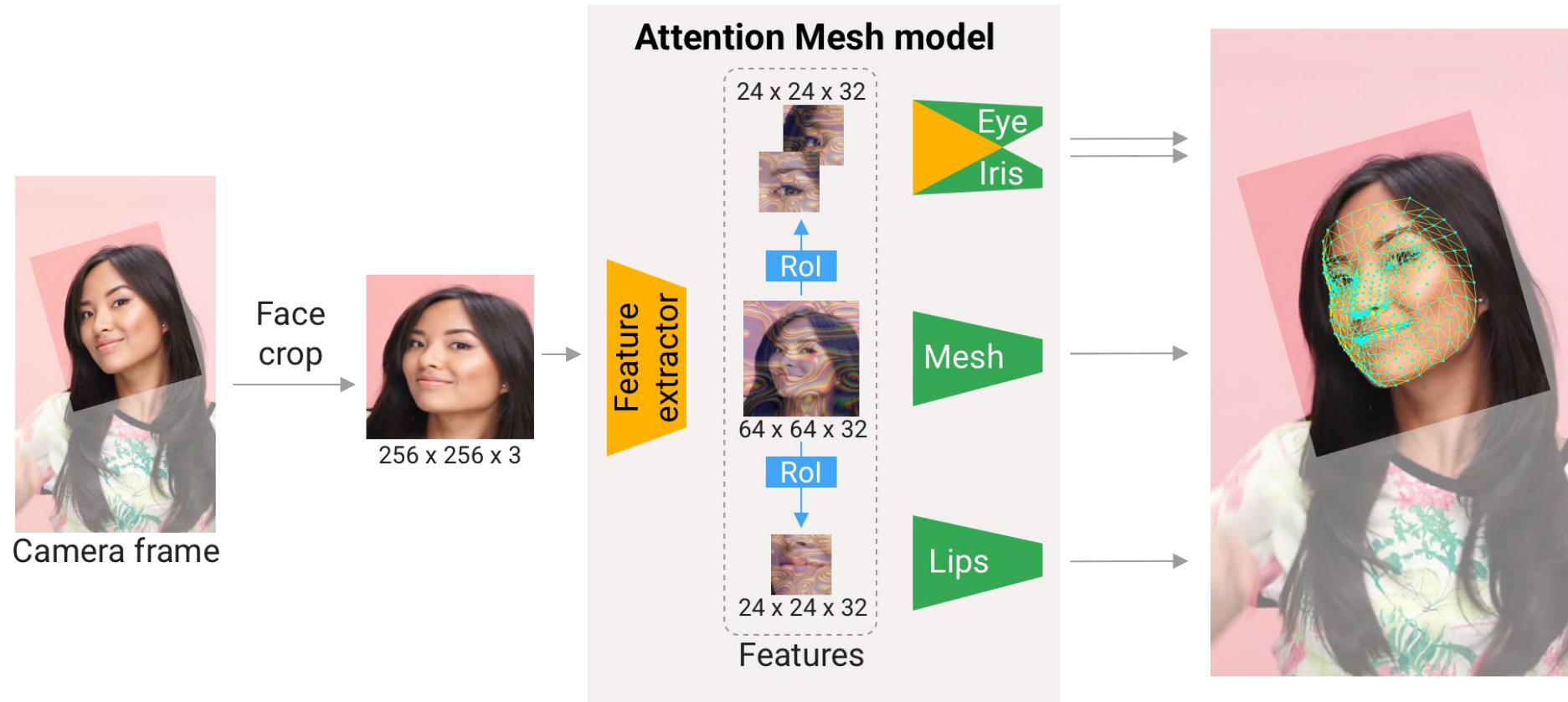
How to running ~~AI Vtuber?~~

어떻게 버튜버 얼굴 움직이게 할려면?

- Input
 - VRM or moc3 etc... character file
 - The actual face of the target to be tracked

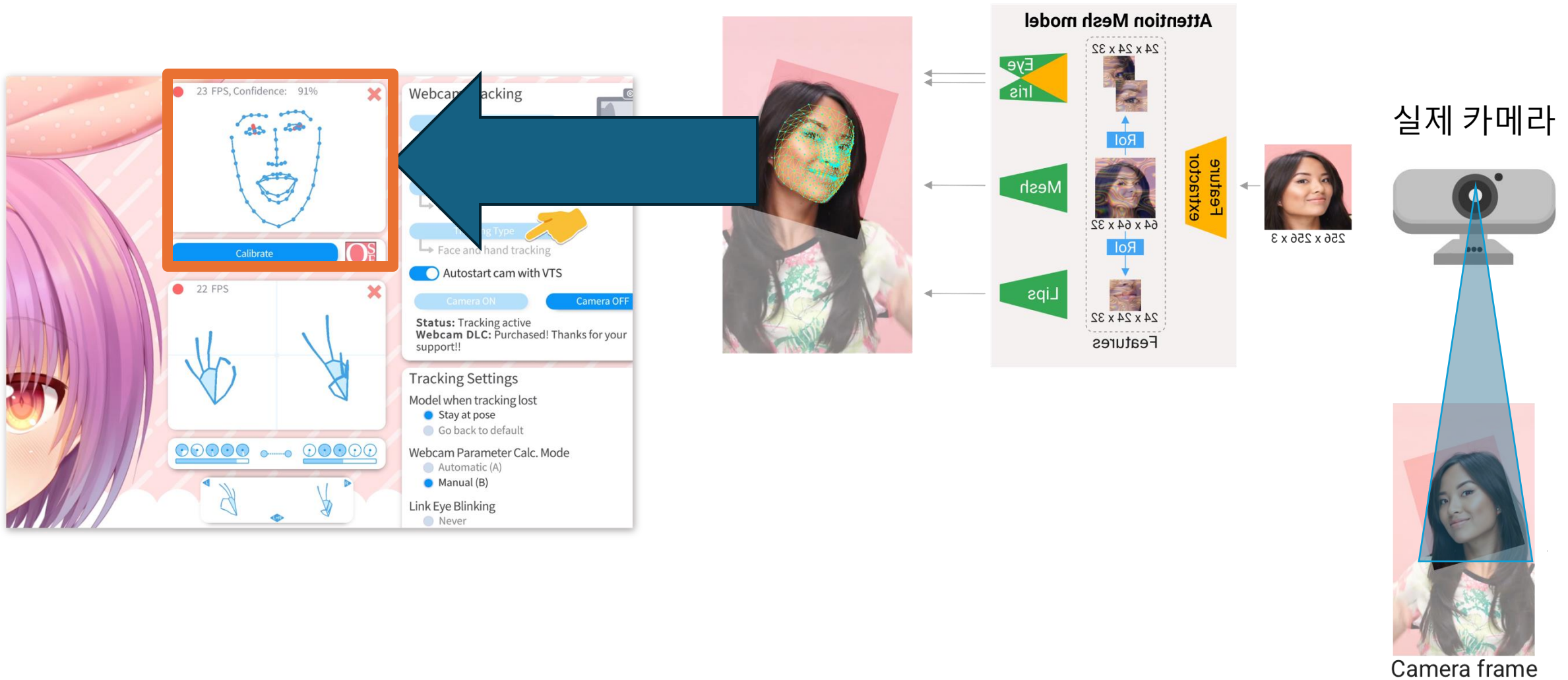


How to get Face Tracking?

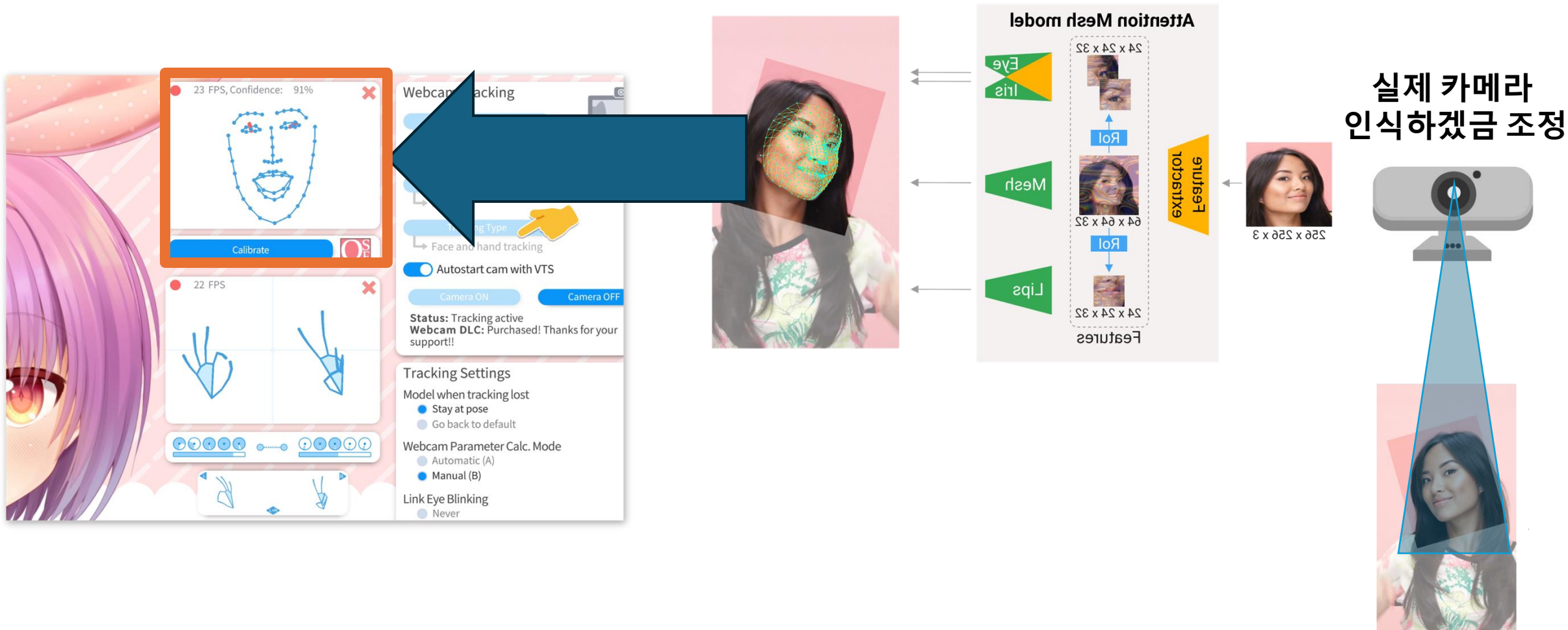


* Media Pipe – face Tracking

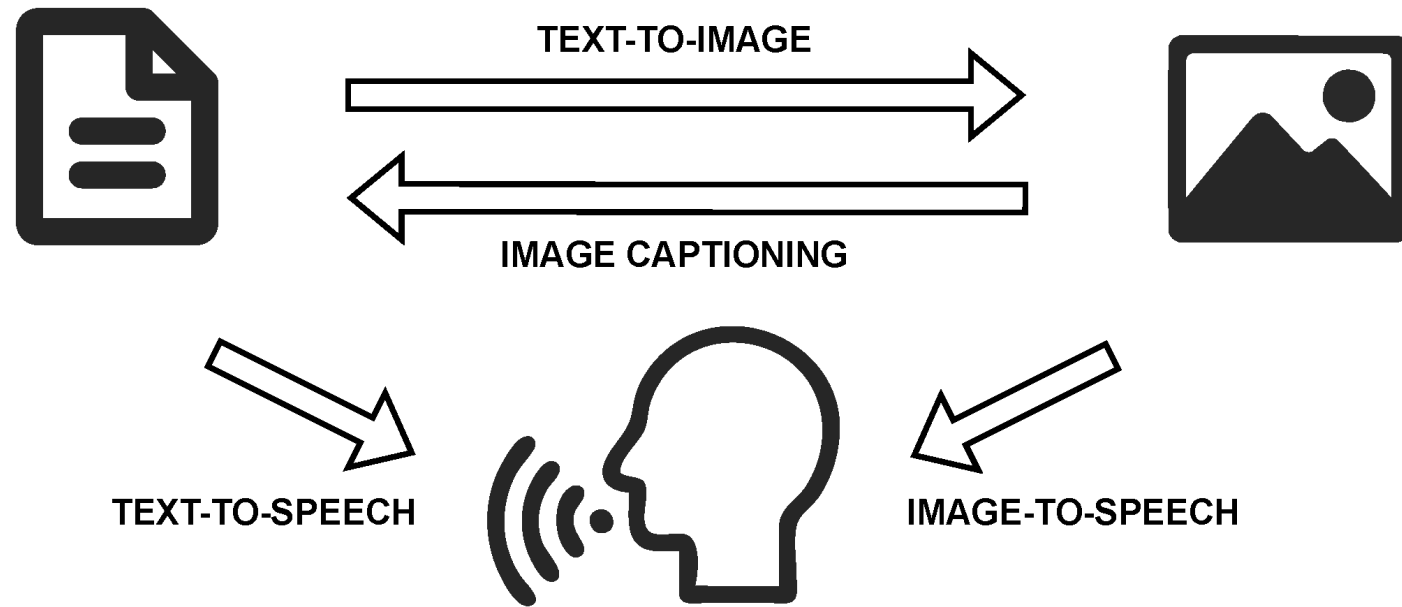
평상시 베티버 할 때 상황



사람 없이 벙벙할려면?



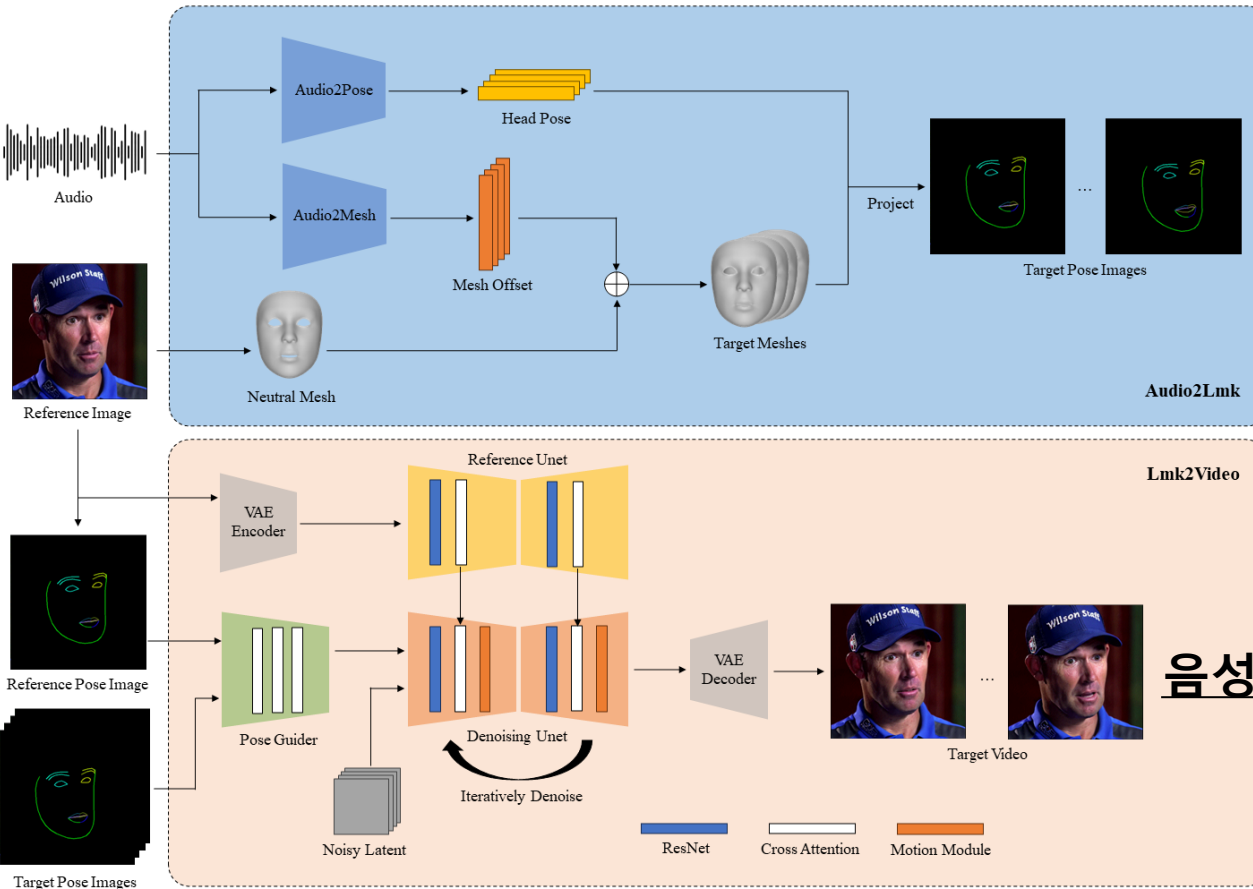
How to Generate Audio Driven Synthesis



AniPortrait: Audio-Driven Synthesis of Photorealistic Portrait Animations

내가 말해야하는 음성(TTS 결과)

얼굴 움직여야하는 대상 이미지



음성에 맞는 얼굴 생성

이미지 생성 기술은 Stable Diffusion 이라는 것을 확인할 수 있음..! (SD1.5 version)

Demo AniPortrait **Self driven**

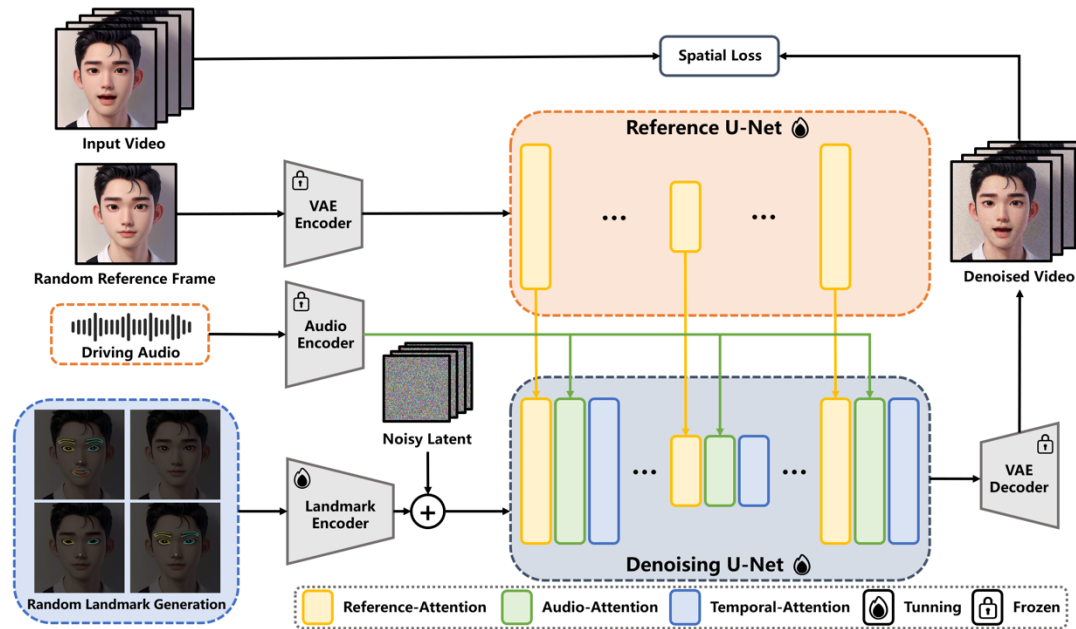


Demo AniPortrait Face reenactment

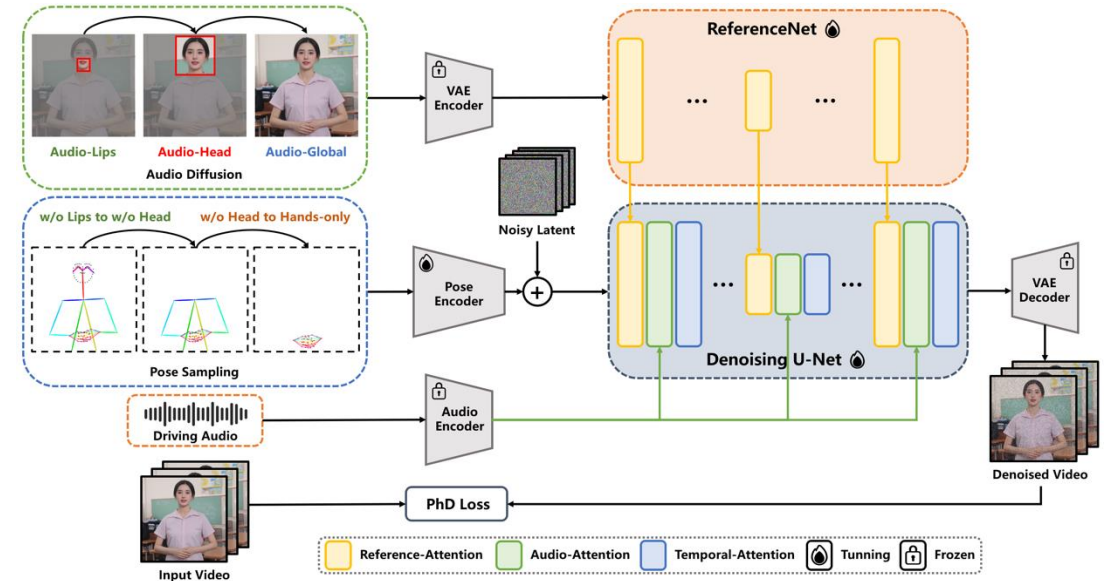


EchoMimic: Lifelike Audio-Driven Portrait Animations through Editable Landmark Conditioning

v1



v2



Demo EchoMimic

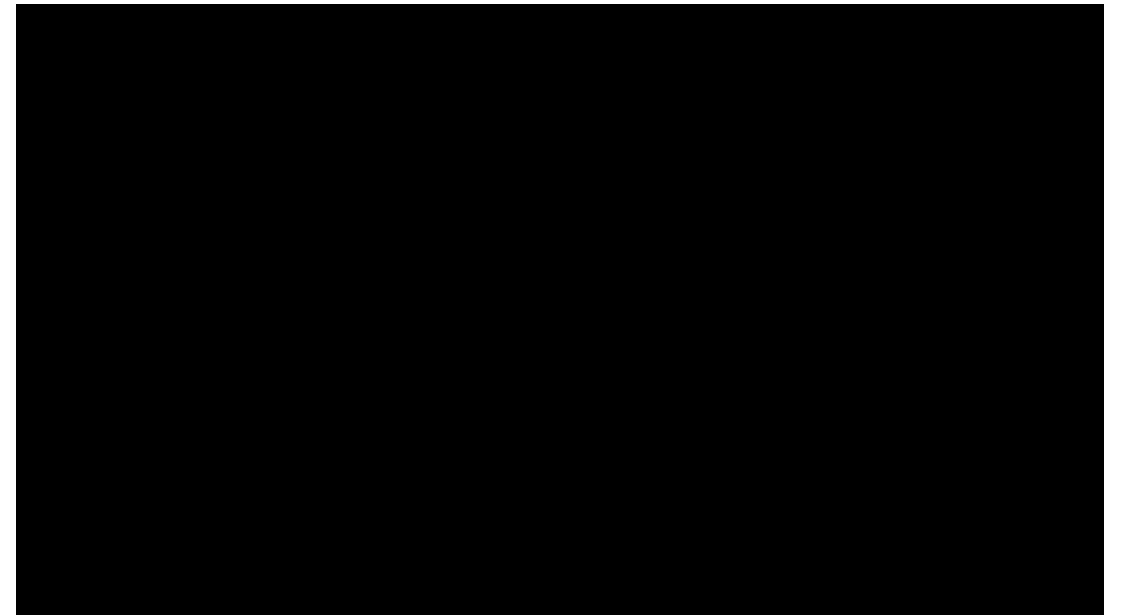
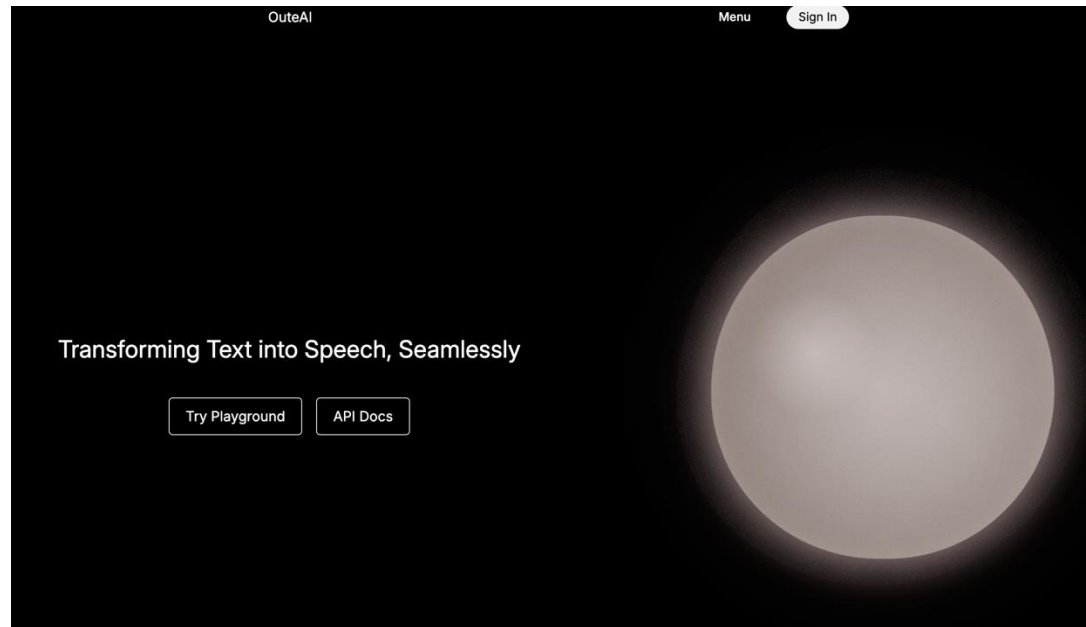
v1



v2

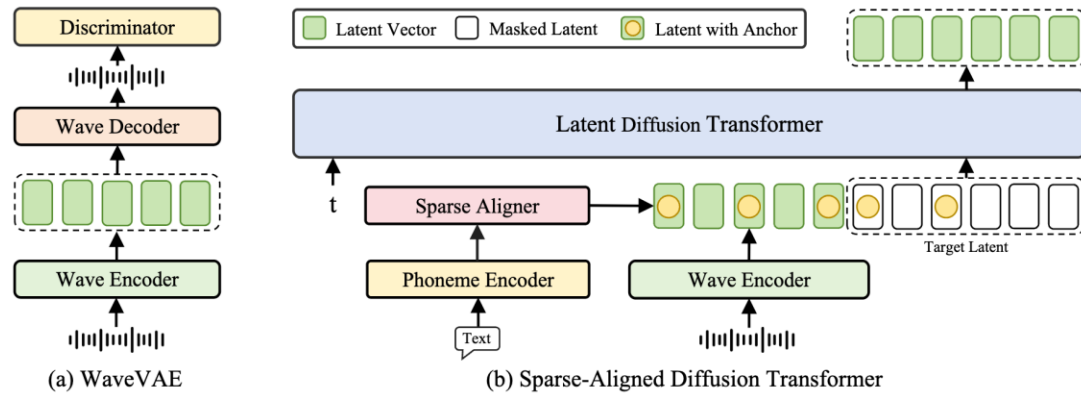


Llama-OuteTTS

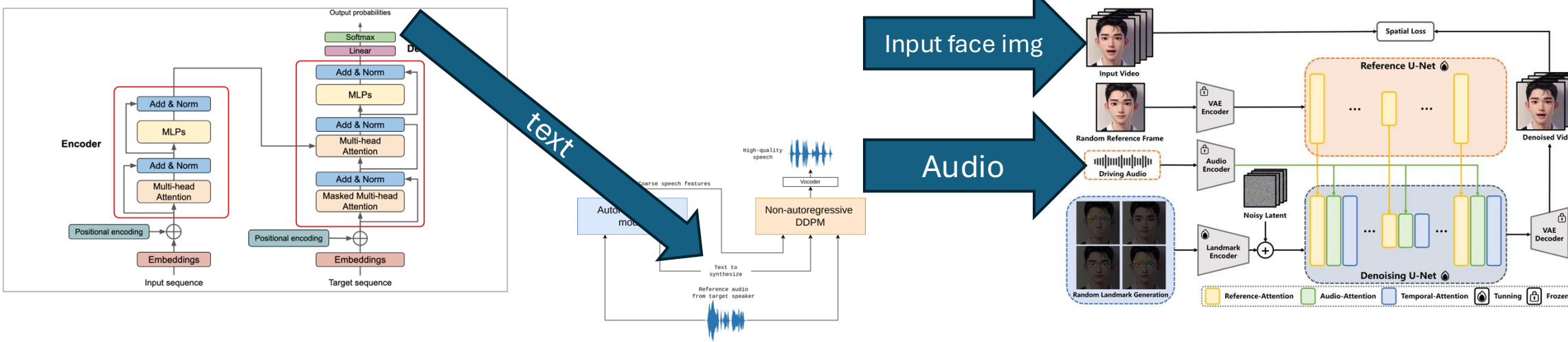
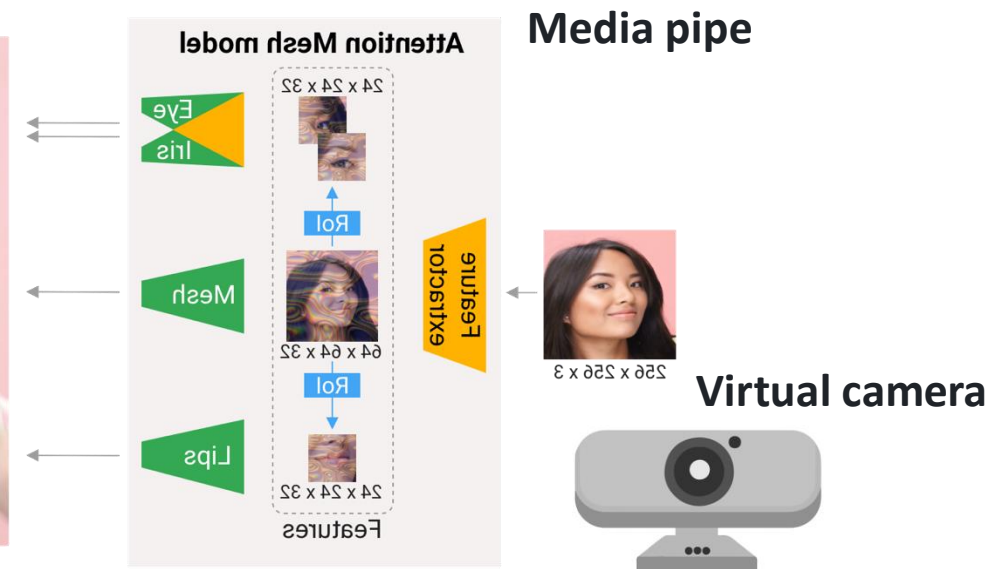
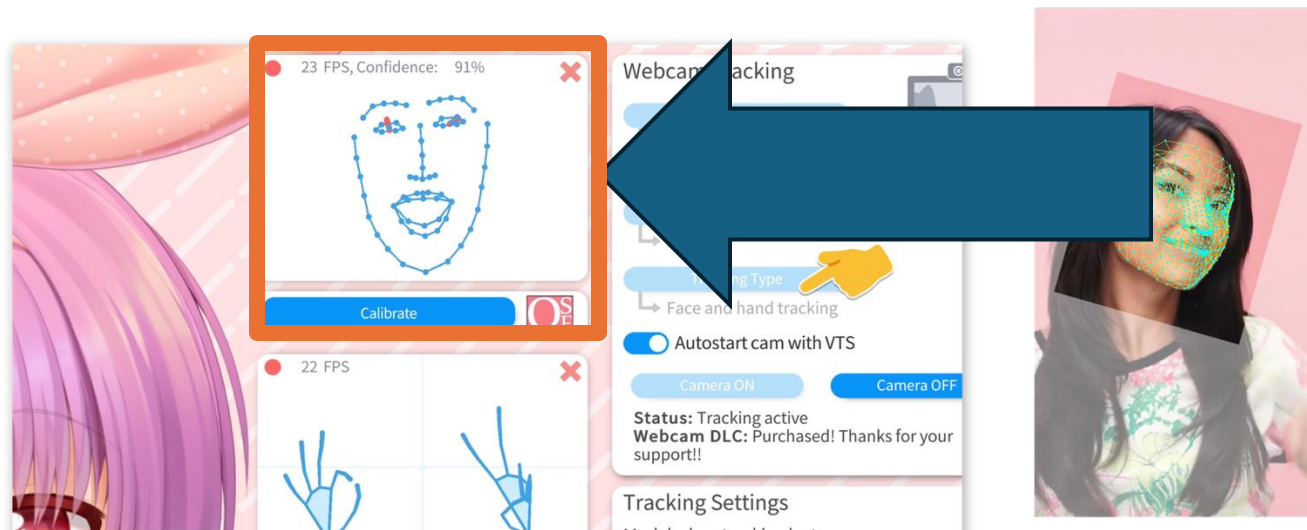


Read more : <https://github.com/edwko/OuteTTS?tab=readme-ov-file>

ByteDance/MegaTTS3



Devlop AI Vtuber target



이러한 것들을 구동하기 위해서 필요한 것?

- ~~좋은 컴퓨터 부품과 API 호출할 돈만 준비되면 가능하다!~~
- 요구 사양을 낮추고 싶다면 양자화 모델이나 크기가 작은 모델로 사용하면 된다!
- Ex)
 - Llm – bitnet
 - **Lifelike Audio-Driven Talking Faces - VASA-1**

실습해보기
버튜버 만들기 위해 필요한
기능 구동해보기