Here's the full guide to set up the backend for our project. Please follow each step carefully and let me know if anything breaks. This version is stable and works perfectly with YOLOv8, GPT, and FastAPI.

Make sure you have:  
  
A screenshot of a computer

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Type it in your terminal….  
  
conda create -n piggyback311 python=3.11 -y  
conda activate piggyback311

git clone https://github.com/ultralytics/ultralytics.git

cd backend/ultralytics\_local

pip install -e

pip install -r requirements.txt

note: it will auto-download the first time you use it, but you can pre-load it like this:

from ultralytics import YOLO

YOLO("yolov8n.pt").save("backend/models/yolov8n.pt")

Note: Add .env File. Inside backend/ create a .env file like this..

REACT\_APP\_SUPABASE\_ANON\_KEY=eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJzdXBhYmFzZSIsInJlZiI6ImpoandkemZjc29kdGhhc3pxdmN2Iiwicm9sZSI6ImFub24iLCJpYXQiOjE3NDAxOTA4NzgsImV4cCI6MjA1NTc2Njg3OH0.K\_aw8bBbpuV595jmQkjg2jaGmxJLNFg7AdqMjy4IDr0

YOUTUBE\_API\_KEY=AIzaSyCElIhT7v3iArhvqxvDWhqzfETP01wWiYE

OPENAI\_API\_KEY=sk-proj-8edbf6PrtStqUmAeydyFeF\_ihqIBqix6P3YAZ69wIgLg0Iuana5zwH5qD5HpseizdsC9\_vjN-QT3BlbkFJXEM9Hn5qG0DR2x5wz-KJecudRSBKJJmiQsrHgQ0X9M3FDBnI138rqnd6lorPo7WsBx4TkD79kA

database\_url=postgresql://postgres.jhjwdzfcsodthaszqvcv:07mVT7OctRsiAYbw@aws-0-us-east-1.pooler.supabase.com:6543/postgres

AWS\_ACCESS\_KEY\_ID=AKIA5IJOWSO6ZSNRCLNB

AWS\_SECRET\_ACCESS\_KEY=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

AWS\_DEFAULT\_REGION=us-east-1

S3\_AUDIO\_BUCKET\_NAME=piggyback-learning-audio-storage

S3\_BUCKET\_NAME=piggyback-learning-frames-storage

REACT\_APP\_SUPABASE\_URL=https://jhjwdzfcsodthaszqvcv.supabase.co/

WEBSHARE\_USERNAME=hvmlptke-rotate

WEBSHARE\_PASSWORD=0wsd704fu1go

>Run the server with: backend

Unicorn backend main:app -reload

>Run the server with: frontend

npm start

A screenshot of a video chat

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Click any video it will show a new page…

A screenshot of a computer

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Can you please tell me:

1. What page or feature are you referring to? (Example: VideoWatch.js, /video/process, object detection overlay, etc.)
2. What's the issue or behavior you're seeing? (Example: Not loading, 500 error, nothing happens on click, etc.)

Please everyone find out bug. Test the page. Try to fix it or tell me I will fix …thank you