

Develop a full stack project with the following requirements

Backend :

1. Create a python file backend.py and capture frames using OpenCV from video1, video2, video 3, video4 present in the folder, simultaneously.
2. Frontend Electron App receives these frames for displaying the individual streams.

Frontend :

Task : Create ElectronJs App that displays the video streams receiving from backend simultaneously.

SubTasks:

1. Implement Full screen mode for each stream.
2. (Bonus Task)Implement FPS Feature that shows the real time FPS on screen for each stream.

(Here FPS should be calculated for frontend player, not for backend)

UI:

1. Should be responsive
2. Should look similar to

Video1	Video2
Video3	Video4

3. Should support any number of input videos and adjusts the grid automatically