

Attractive Effects for Video Processing

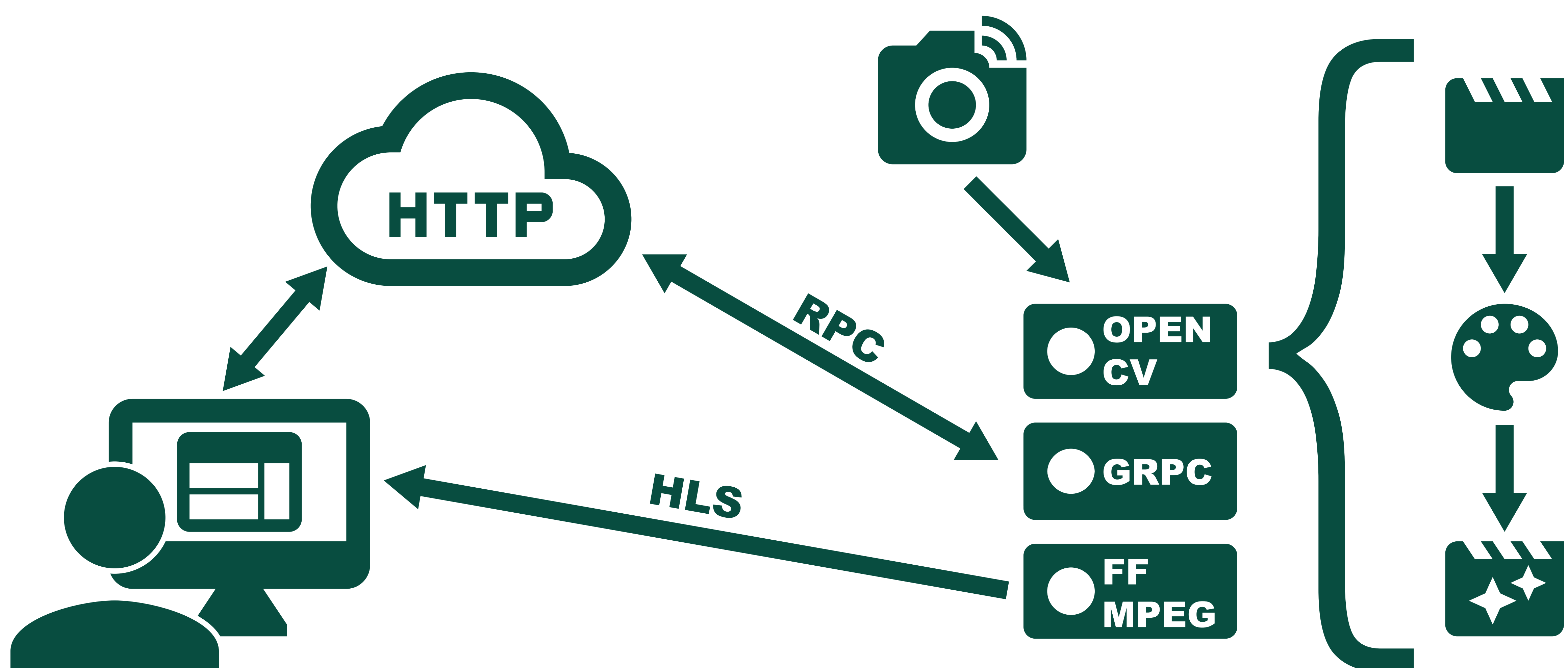
Input Live Stream



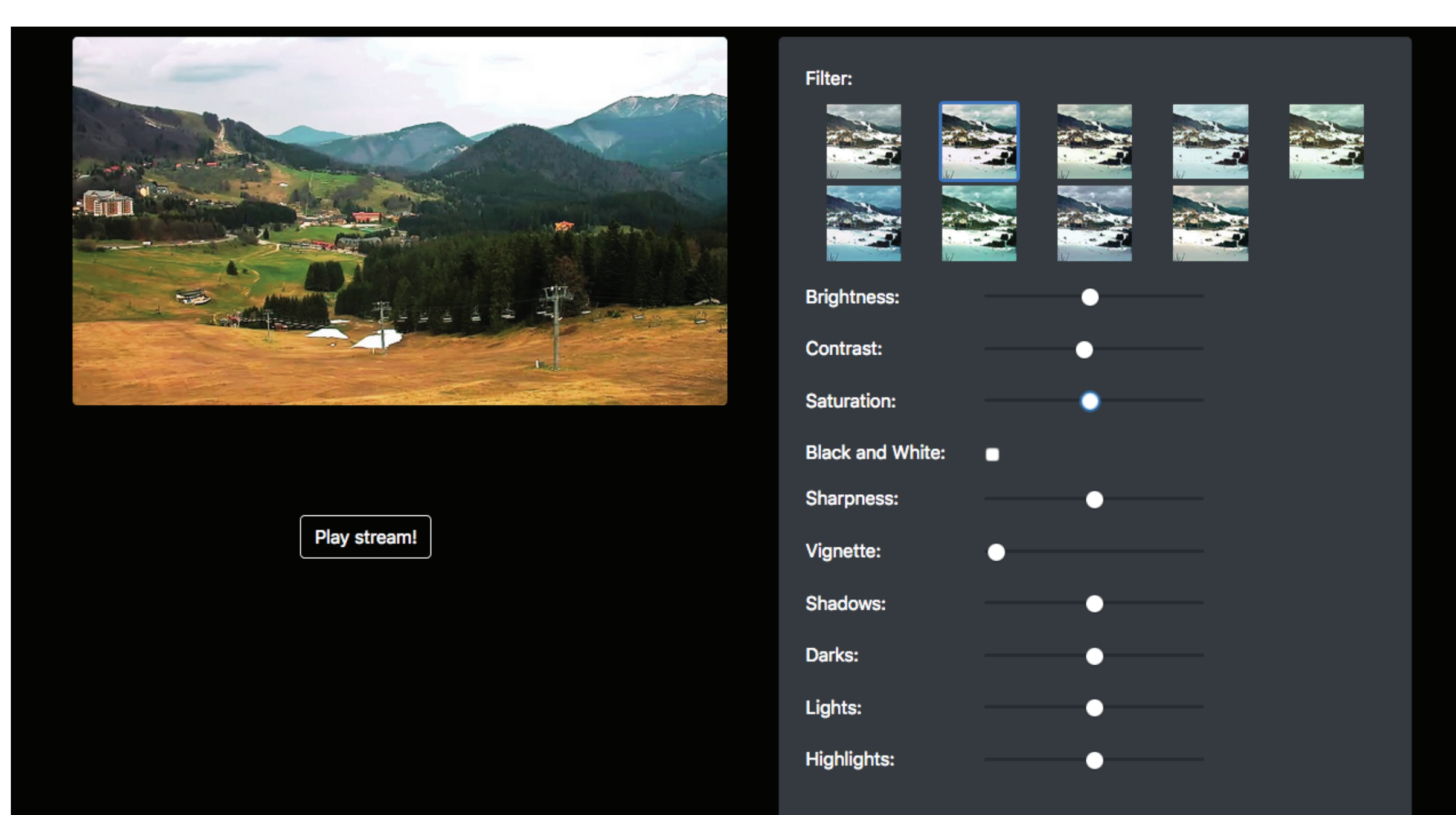
Processed Video



Structure of Solution



User Interface



Overview

- Server receives live streamed video from camera and applies adjustments to it using OpenCV
- The processed video is streamed using FFmpeg
- All of this is controlled by the user via a web UI connected to web server using Socket.IO
- Web server ensures the communication with video processing server using GRPC

