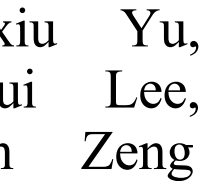
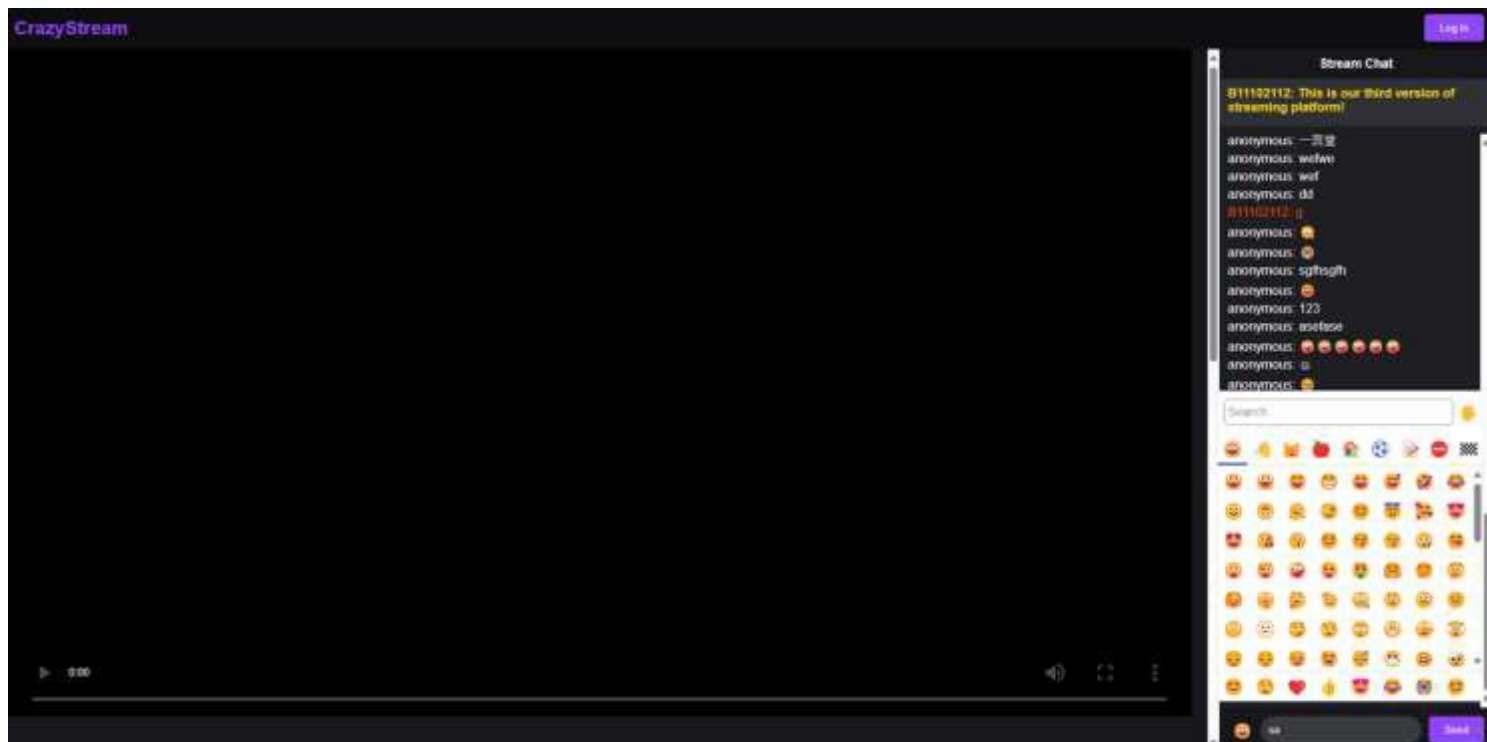


Live streaming platform- Progress Report

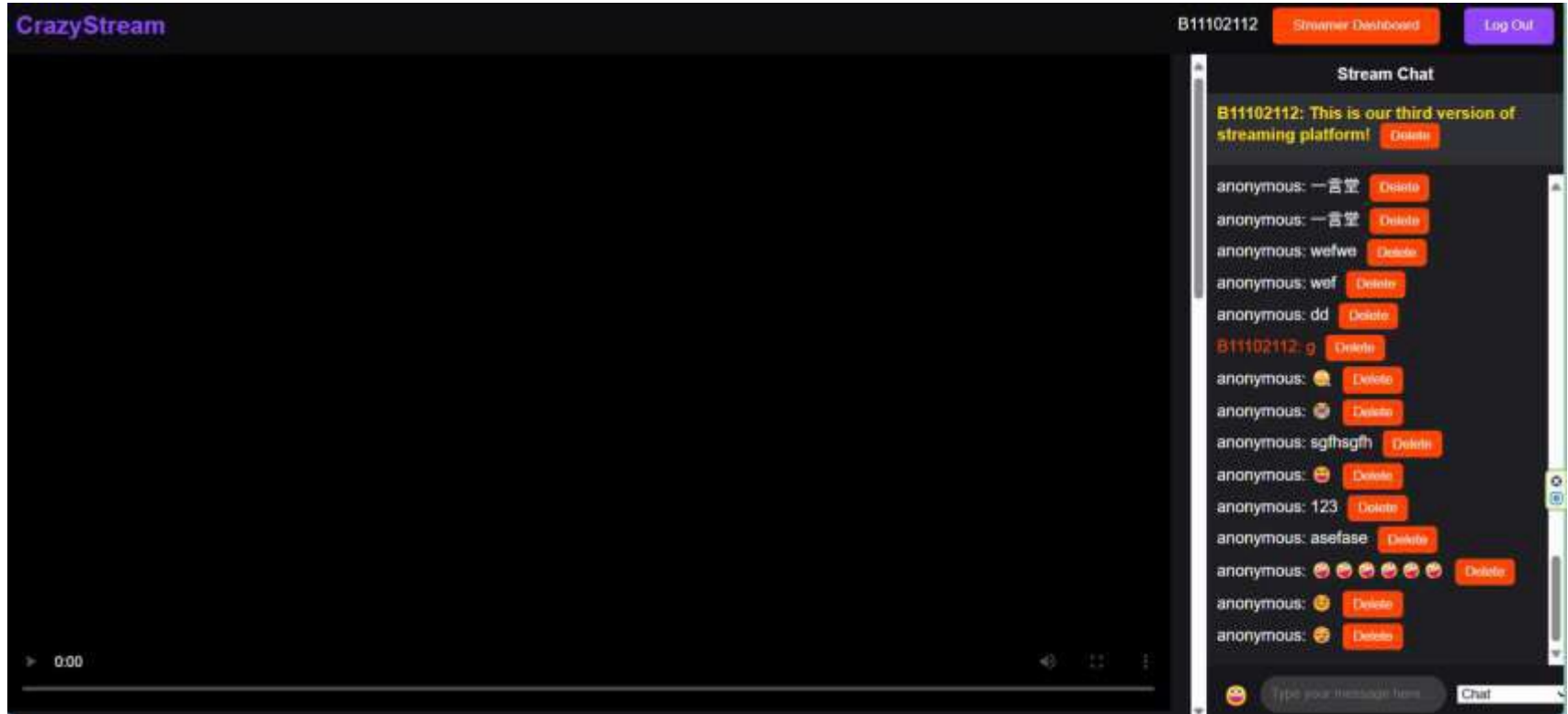
B11102015	Bingxiu	Yu,
B11102112	Chiajui	Lee,
B11102213	Guojun	Zeng



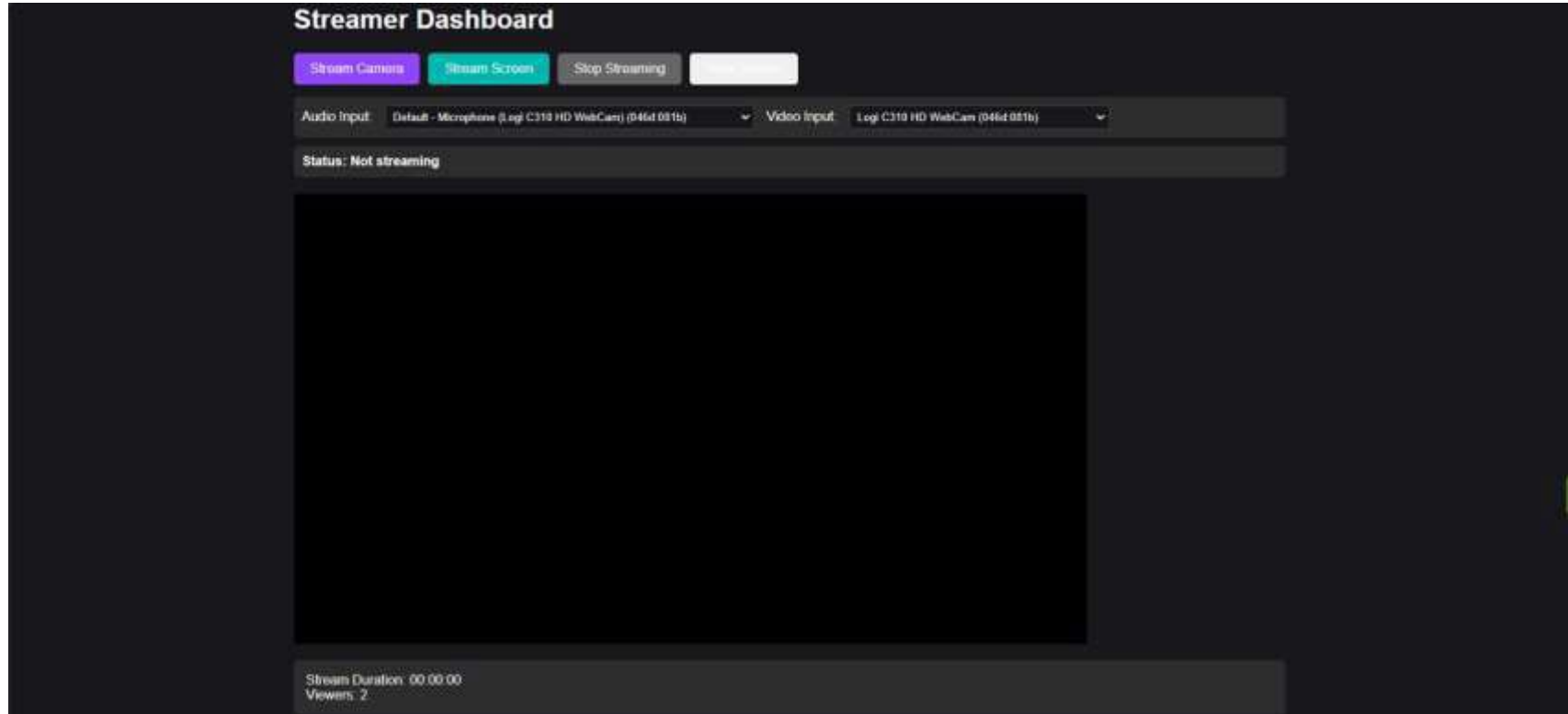
Main page



After login page



Streamer dashboard



Streamer dashboard(with streaming)

The image displays a streamer dashboard interface, likely for a platform like CrazyStream. The dashboard is divided into several sections:

- Live Streaming:** Features a large digital clock showing 14:55:17 on Saturday, November 16, 2024. Below the clock, it says "Your clock is 0.7 seconds ahead." and "Stream started. Stream not started." There are also buttons for "Live is" and "Stop Streaming".
- Stream Chat:** A vertical chat window on the right side showing a list of chat messages. The messages are mostly from anonymous users, with some mentioning "B11102112".
- Recent Streams:** A section below the live stream player showing a list of recent streams with thumbnails and timestamps.
- Stream Controls:** A section on the right side of the dashboard showing the stream's status (connected), audio input (Default - Microphone Log C30 HD WebCam @4K@60Hz), and video input (Log C30 HD WebCam @4K@60Hz). It also displays the stream duration (00:01:04) and viewers (7).

Obstacle

Technology Migration: Initially implemented with RTMP (Real-Time Messaging Protocol), but observed latency exceeding 10 seconds, prompting a switch to WebRTC (Web Real-Time Communication) for sub-500ms low-latency streaming.