WEBSOCKETS

Workflow:

Server → listens for client connections and messages.

Client \rightarrow connects to server, sends messages, and gets replies.

Send/Receive → server prints client messages and responds.

Close \rightarrow connection ends when no data is sent.

Real-Time → data flows both ways continuously, like WebSockets.

Web Sockers — wss

- bidirectional fully duple recommunication
products init — Hetp.

- long live comm., stay open & idle until
either client I seven is ready to send mag.

wss protocol establish websockers over an
encrypted TLS conn, while ws protocol
Transport layer security.

client request server

bandshake

Harderake mags: headers

Connection & supprade — WS Hardehake

Sec-Websocket-Version (13) WS protect version

Sec-Websocket-Rey — dient wisher to ux

Contains Base 64 encoded random value, which the
randomly generated in each hands hake req.

Sec-Wi- accept — # of value submitted in
sec-ws-key concatenated with specific

sking defined in protocol specific atim.

WS — continuous, low latency, momentication

model blw de 4 sorver.

enables date enchange — bi directional—

no need for repeated 4777 req.

