

18-345 Project 2 - Protocol Design

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Our UDP Header will consist of three four-byte integers.

First: ClientID number from the originating backend server.

Second: Sequence number, for tracking in our ARQ. This is linked to the ClientID and the sender's IP address.

Third: UDP Packet type (mapped to integer values), one of:

REQUEST: requesting a file from another server

DATA: File sent to a requester

CONFIG: Sends information about backend configuration

ACK: Acknowledgement or received packet (not yet implemented)

