Independent Study Schedule

Set up environment, pick best langauge, research tools, review TCP - 1 Week

Begin making library with the ability of sending raw packets between two clients - 1 Week

Write packet headers to make a UDP library - 1 Week

Change packet headers to mimic TCP headers - 1 Week

Add Connection establishment, termination - 1 Week

Add in Reliable Data Transfer (Stop and Wait, then Parallel) - 2 Week

In order packets

No lost packets

Add Error Detection - 1 Week

Checksum

Add Flow Control - 1 Week

Add Congestion Control - 2 Week

Slow Start

Fast Recovery

Congestion Avoidance

Make hypothesis, experiment, analyze - 2 Weeks