Initial Design Plan (UDP to TCP project)

Objective – The objective of this project is to build a reliable transfer protocol over the UDP transportation protocol. UDP is a transport protocol which does not provide reliable packet delivery. Unlike TCP it does not make use of functionalities such as acknowledgements, timeouts, delayed acks etc to ensure reliable packet delivery.

Although not implementing this allows UDP to be good at other things

Hence the objective of this project is to implement various concepts of reliable packet delivery over UDP to understand in depth how TCP provides reliable packet delivery and also how UDP works