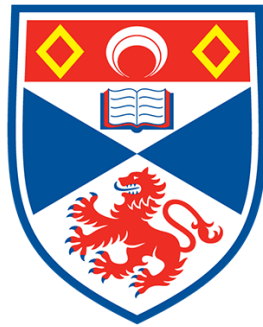


CS3102 P2: Practical Report

Reliable Data Transfer Using UDP



University of
St Andrews

190010906

01 April 2022

1 Introduction

This report cover the design and implementation of a connetion-oritented, reliable, unicast, transport protocol,built on top of UDP.

The protocol in question is called RDT - Reliable Data Transport

2 Design

This section will describe the design of the RDT protocol and the considerations that informed this design.

2.1 Packet Structure

RDT packets are constructed with the following structure:

