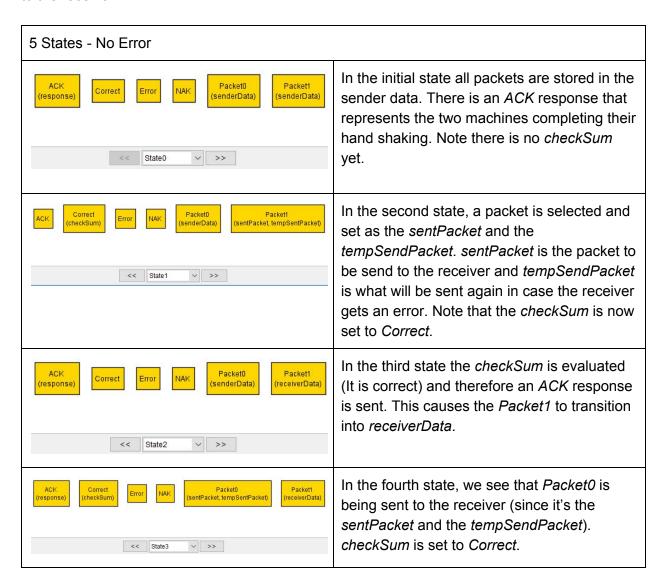
Chris Budo Jonathan Jenkins Melissa Thai Milestone 2 - Checking RDT 2.0

Below you can see a walkthrough of two scenarios of two packets of data being sent projected over state. The first scenario has no errors during transfer, while the second scenario has an error, causing the sender to resend the error packet. Note that every piece of data starts with the sender in <code>senderData</code> - with <code>tempSendData</code> being used as a buffer to contain the original packet in case of an error requiring a resend - then transitions to being in the <code>sentPacket</code> state, which represents it being in the network before finally finishing in the <code>receiverData</code> which represents it being received by the person who requested it. Before it can be saved into <code>receiverData</code> however the <code>checkSum</code> is checked. If it was correct then it saves and sends an ACK. However if there was an error then it sends a <code>NAK</code> which will cause it to be retransmitted to the receiver.





In the final state the *checkSum* is again evaluated to correct which causes an *ACK* to be sent and *Packet0* to be saved to *receiverData*. The data transfer is now complete.

