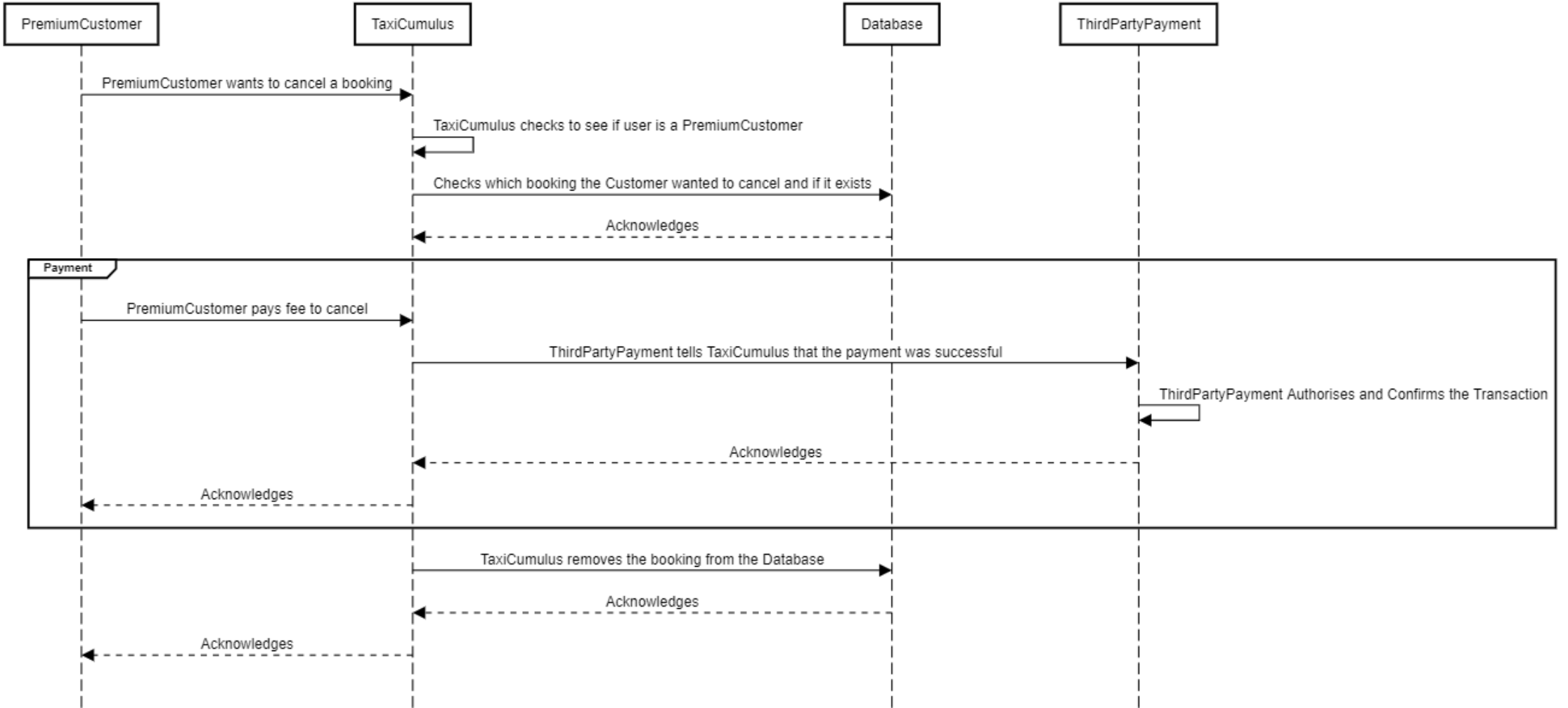
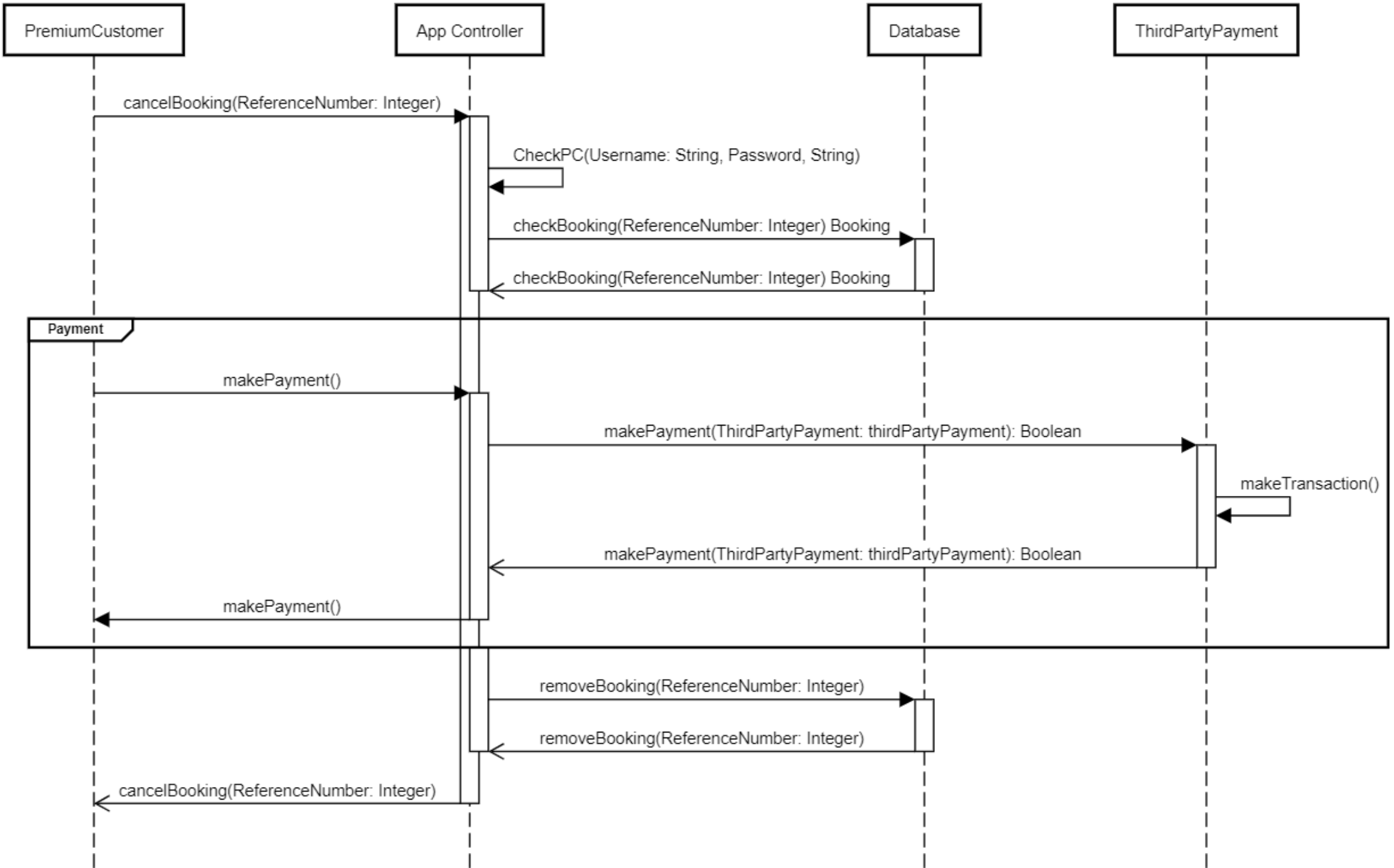
Cancelling a Booking: Use Case Sequent Diagram



Cancelling a Booking: Class Sequent Diagram



The Use Case Sequence Diagram (UCSD) had high conformance with the Class Sequence Diagram (CSD) as it correlated in behaviour throughout, with identical pathways and data being returned. Both diagrams started with the user attempting to cancel their trip and so the program confirmed the user was a PremiumCustomer and checked that the booking existed before moving onto the payment section.

The user interacts once more to fill out payment details and the ThirdPartyPayment authorises the transaction and sends a confirmation back allowing the program to then remove the checked booking and confirm that the booking had been completed.

There is a minor spots of difference, specifically that the checking process in the CSD returns the booking itself and not a Boolean, however the app controller can make sure the booking is not null and so fundamentally works the same and so for all intents and purposes, the conformance remains high between the two.

One final difference is that the ThirdPartyPayment is said to authorise and confirm the transaction in the UCSD while in the CSD the ThirdPartyPayment instead makes the transaction and does not confirm it.

Overall showing a high conformance between UCSD and CSD.