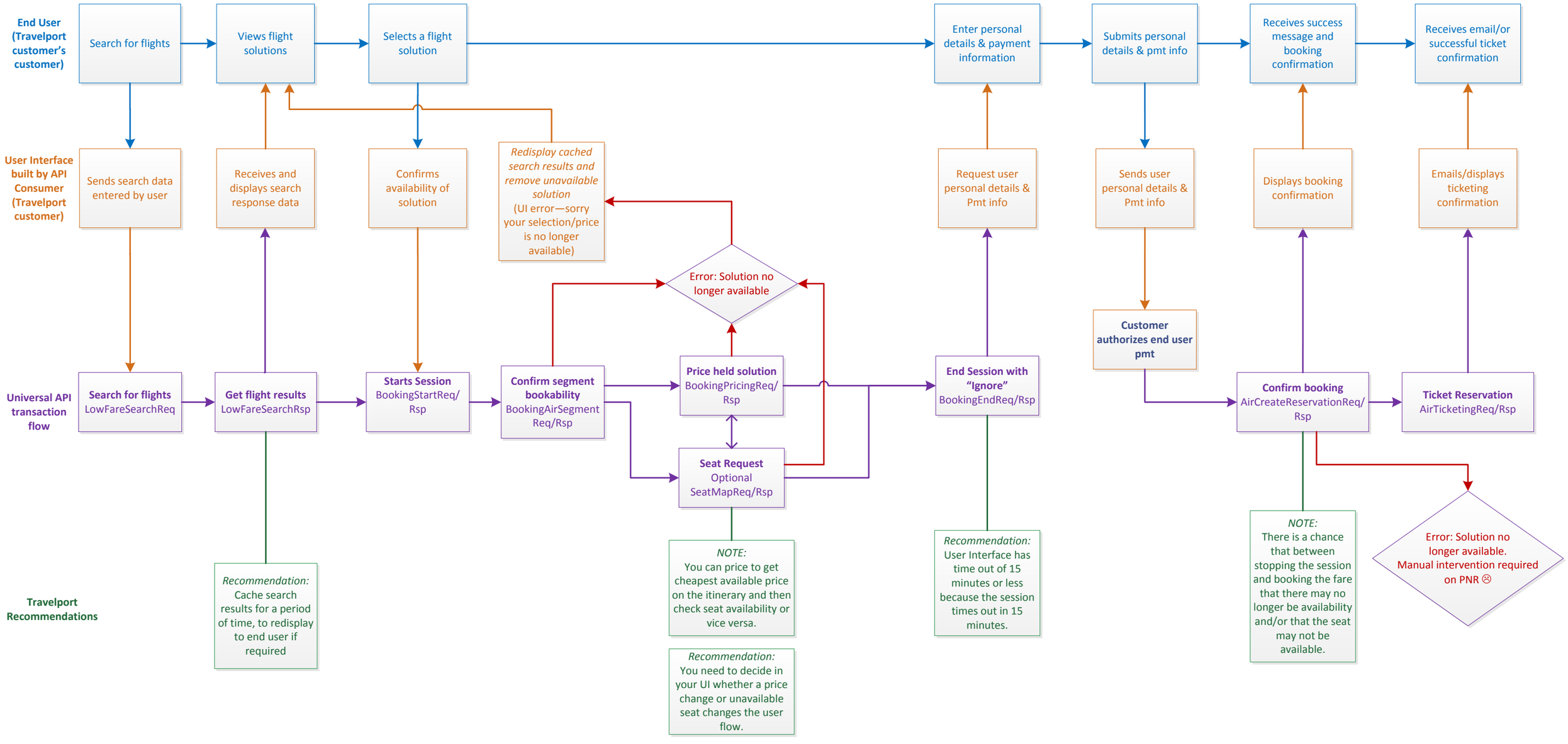
End User (Travelport customer's customer)
Search for flights
Views flight solutions
Selects a flight solution
Enter personal details & payment information
Submits personal details & pmt info
Receives success message and booking confirmation
Receives email/or successful ticket confirmation
User Interface built by API Consumer (Travelport customer)
Sends search data entered by user
Receives and displays search response data
Confirms availability of solution
Redisplay cached search results and remove unavailable solution (UI error—sorry your selection/price is no longer available)
Request user personal details & Pmt info
Sends user personal details & Pmt info
Displays booking confirmation
Emails/displays ticketing confirmation
Error: Solution no longer available
Customer authorizes end user pmt
Universal API transaction flow
Search for flights LowFareSearchReq
Get flight results LowFareSearchRsp
Starts Session BookingStartReq/Rsp
Confirm segment bookability BookingAirSegment Req/Rsp
Price held solution BookingPricingReq/Rsp
Seat Request Optional SeatMapReq/Rsp
End Session with "Ignore" BookingEndReq/Rsp
Confirm booking AirCreateReservationReq/Rsp
Ticket Reservation AirTicketingReq/Rsp
Travelport Recommendations
Recommendation: Cache search results for a period of time, to redisplay to end user if required
NOTE: You can price to get cheapest available price on the itinerary and then check seat availability or vice versa.
Recommendation: You need to decide in your UI whether a price change or unavailable seat changes the user flow.
Recommendation: User Interface has time out of 15 minutes or less because the session times out in 15 minutes.
NOTE: There is a chance that between stopping the session and booking the fare that there may no longer be availability and/or that the seat may not be available.
Error: Solution no longer available. Manual intervention required on PNR ☹