

OCL for creation of a reservation

context Reservation

inv IdFormat:

```
reservationId.size() = 9 and  
reservationId.substring(1,3) = 'RES'
```

inv TravelerNameValid:

```
travelerName <> '' and travelerName.size() > 0
```

inv AgeValid:

```
age > 0 and age <> null and age <> ''
```

inv IdentificationValid:

```
identificationNumber <> '' and identificationNumber <> null
```

inv TicketNotNull:

```
ticket <> null
```

inv TicketPriceMatchesRoutes:

```
ticket.price =  
  routes->collect(r: Route |  
    if ticket.isFirstClass  
    then r.firstClassTicket  
    else r.secondClassTicket  
  endif  
)>sum()
```