### **Holidays Property Management App**

An Airbnb co-host has approached you to build a web application to help them manage their bookings. A property may be rented to many guests at a time. A guest is registered with only one holiday property.

#### **MVP**

* The co-host wants to be able to register / track guests. Important information for the co-host to know is -
  + Name
  + Last name
  + Date Of Birth (use a VARCHAR initially)
  + Nationality
  + Contact details
  + Documents (passport, driving license)
* Be able to assign guests to holiday properties, be able to create bookings
* CRUD actions for holiday properties / guests / bookings
* The views should allow the co-host to see bookings sorted by booking platform, guests by name, properties by place.

### **Possible Extensions**

* The views should allow the co-host to see bookings, guests and properties sorted by all paramaters
* If a property has multiple guests we don't want to keep updating contact details separately for each guest. Extend your application to reflect that a property can have many guests and to more sensibly keep track of guests' details (avoiding repetition / inconsistencies)
* Guests who are not over 21 or have no documents should not be able to book
* Groups bigger than the property sleeps number should not be able to book
* The guest could have a budget and properties a daily fee: if guests don’t reach the total fee they should not be able to book
* Handle check-in / check-out dates
* Let the co-host see all guests currently in the property (today's date is between the check-in and check-out?)
* Co-hosts usually want to retain the good clientele and a powerful retention tool is discounts: build an extension to offer a 20% off the next booking
* Add extra functionality of your choosing - calculating the earning per booking after commissions, providing services (late check-in, bike rentals etc)