**Entities:**

People: CUSTOMER, tour guides

Event: bookings

objects: hotels, flights, TOUR packages

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| **ENTITY TYPE** | **ATTRIBUTE** | **TYPE** |
| CUSTOMER  (STRONG) | CUSTOMER\_ID (PRIMARY KEY)  NAME  PHONE NO.  EMAIL\_ID  ADDRESS | SIMPLE  COMPOSITE  MULTI-VALUED  SIMPLE  COMPOSITE |
| BOOKINGS  (STRONG) | BOOKING\_ID (PRIMARY KEY)  BOOKING DATE  STATUS  CUSTOMER\_ID (FOREIGN KEY)  DESTINATION\_ID (FOREIGN KEY)  PACKAGE\_ID (FOREIGN KEY)  HOTEL\_ID (FOREIGN KEY) | SIMPLE  SIMPLE  SIMPLE  SIMPLE  SIMPLE  SIMPLE  SIMPLE |
| DESTINATIONS  (STRONG) | DESTINATION\_ID (PRIMARY KEY)  HOTEL\_ID (FOREIGN KEY)  DESTINATION\_NAME  DESCRIPTION | SIMPLE  SIMPLE  SIMPLE  SIMPLE |
| FLIGHTS  (STRONG) | PNR (PRIMARY KEY)  FLIGHT NO.  DEPARTURE  ARRIVAL | SIMPLE  SIMPLE  COMPOSITE  COMPOSITE |
| HOTELS  (STRONG) | HOTEL\_ID (PRIMARY KEY)  HOTEL NAME  HOTEL ADDRESS  HOTEL RATING  CUSTOMER\_ID (FOREIGN KEY)  CHECK-IN DATE  STATUS  DESCRIPTION | SIMPLE  SIMPLE  SIMPLE  SIMPLE  SIMPLE  SIMPLE  SIMPLE  REQUIRED |
| TOUR PACKAGES  (STRONG) | PACKAGE\_ID (PRIMARY KEY)  PACKAGE NAME  DESTINATION  COST | SIMPLE  SIMPLE  SIMPLE  SIMPLE |
| TOUR GUIDES  (STRONG) | GUIDE\_ID (PRIMARY KEY)  GUIDE NAME  PHONE NO.  EMAIL ID | SIMPLE  COMPOSITE  SIMPLE  SIMPLE  SIMPLE |

**relationships:**

customer-bookings (MAKES): it is a one-many [1:N] RELATIONSHIPS. there could be multiple bookings associated to a particular customer.

BOOKING-DESTINATIONS (FOR): it is a one-one [1:1] relationship. each booking is associated with exactly one destination.

bookings-hotels (RESERVED): it is a one-many [1:N] relationships. there could be multiple bookings done by a customer which can be associated to multiple destinations.

bookings-flights (BOOKS): it is a one-many [1:N] relationships. there could be multiple bookings done by a customer which can be associated to one particular flight.

destination-hotels (IN): it is a one-many relationships. for one particular destination there could exist many hotels.

tour guides-tour packages (LEADS): it is one-many replationships. there could be many tour packages handled by one guide.

destination-tour packages (INCLUDES): it is one-many [1:N] relationships. there could be multiple tour packages in a particular destination.

