1`(49209,"BR-01AP-4392")
++ 1`(47552, "BR-03NA-5422")

Free Taxi
TAXI
1 | 1`(49209,"BR-01AP-4392")

(s_id,t_id)

C 1 | 1`(100,47552)
SESSION_TAXI

(s_id,t_id)

(t_id,pn)

S_ID
INT
1 | 1`101

s_id

Create Booking

s_id

A
INT
1 | 1`100

s_id

Leave Phone Number

(s_id, v_n)

D
SESSION_PHONE

(s_id,v_n)

Finalize Booking

[s_id < limit]

s_id

S_ID Generator

limit

Bound
INT
102 1 | 1`102

s_id

s_id

s_id + 1

Latest Session
SESSION
1`100
1 | 1`102

B
INT
1 | 1`100

s_id

v_n

1`"3567984469"

Ph. No 1 | 1`"3567984469"
STRING

(s_id,v_a,v_t)

E
SESSION_PICKUP

Leave Pickup Data

(s_id,v_a,v_t)

(s_id+1,t_id,s_id+2,s_id+3)

Bookings
BOOKING

2`"Via Carducci 7, Bolzano"
++ 1` "Via Carducci 8, Bolzano"

v_a

v_t

Address
STRING

3
2`"Via Carducci 7, Bolzano"++
1`"Via Carducci 8, Bolzano"

1`"11:35:42"

Time 1 | 1`"11:35:42"
STRING

colset UNIT = unit;
colset INT = int;
colset STRING = string;
colset SESSION_TAXI = product INT*INT;
colset TAXI = product INT*STRING;
colset SESSION_PHONE = product INT*STRING;
colset BOOKING = product INT*INT*INT*INT;
colset SESSION_PICKUP = product INT*STRING*STRING;
colset SESSION = INT;

var t_id,s_id, limit: INT;
var pn, v_n, v_a:STRING;