Diagram:	Logical
Author:	Shamle Thilaksiri (35512075)
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Modified by:	Shamle Thilaksiri (35512075)
Design:	oo_logical
Model:	Logical

OPERATOR
- P * oper_id
- * oper_name
- * oper_ceo_name

operates

CABIN
- P * cabin_id
- * cabin_sleep_cap
- * cabin_class
- PF * ship_id

contains

SHIP
- P * ship_id
- * ship_name
- * ship_commission_date
- * ship_tonnage
- * ship_max_guest_capacity
- * ship_registered_country
- F * oper_id

assigns

hosts

PASSENGER
- P * passenger_id
- * passenger_fname
- * passenger_lname
- * passenger_dob
- * passenger_gender
- F * guardian_id
- F * address_id
- phone_num

books

accompanies

MANIFEST
- PF * cruise_id
- F * cabin_id
- F * ship_id
- PF * passenger_id
- passenger_board_date_time

manages

CRUISE
- P * cruise_id
- * cruise_name
- * cost_pp
- * cruise_desc
- * cruise_dep_date_time
- F * ship_id

includes

JOURNEY
- PF * cruise_id
- F * port_code
- * depature_arrival

contains

PORT
- P * port_code
- * port_name
- * port_lat
- * port_longt
- F * country_code

consists

COUNTRY_DETAILS
- P * country_code
- * country_name

resides

ADDRESS
- * add_street
- * add_town
- * add_postcode
- * add_country
- P * address_id