World Cruise UML

Operator

operator_code{id}
operator_company
operator_ceo_name

1..1

operates

1..*

Ship

ship_code{id}
ship_name
ship_date
ship_tonnage
ship_capacity
ship_country

1..1 *has* 1..*

Cabin

cabin_no{id}
ship_code{id}
cabin_capacity
cabin_class

1..1

has

0..*

1..1

cruising

1..*

Cruise

cruise_id{id}
cruise_name
cruise_desc
cruise_dep_time
cruise_arrv_time

1..1 *has* 1..*

Manifest

manifest_id{id}
passenger_id{id}
cabin_no
mpassenger_boarding_date
mpassenger_boarding_time

1..* *has* 1..1

guardian of

0..*

0..1

Passenger

passenger_id{id}
passenger_name
   passenger_fname
   passenger_lname
passenger_gender
passenger_dob

1..*

resided by

1..1

1..1

docking at

1..*

CruisePort

cruise_id{id}
port_code{id}
cp_juncture{id}
cp_date
cp_time

1..* *docking at* 1..1

Port

port_code{id}
port_name
port_country
port_population
port_longitude
port_latitude

PassengerAddress

passenger_addr_street
passenger_addr_town
passenger_addr_postcode
passenger_addr_country