

## Group 57 – 21/03/2022, 11:00PM

Entity :

1. Operator
2. Ship
3. Cabin
4. Cruise
5. Port
6. Passenger
7. Booking (might be an associative entity between passenger and cruise)
- 8.

Attributes:

1. Operator\_id , company\_name, CEO\_name,
2. Ship\_code, ship\_name, ship\_date, ship\_tonnage, ship\_maxCapacity, ship\_countryRegistered.
3. Cabin\_number, capacity\_cabin and class\_cabin( both this attributes might be an attributes for associative entity between cabin and ship).
4. Cruise\_id, name\_cruise, description\_cruise,
5. Port\_code , port\_name, country\_port, port\_population, port\_longitude, port\_latitude
6. Passenger\_id , passenger\_firstName, passenger\_lastName, passenger\_gender, passenger\_dob, passenger\_street, passenger\_town, passenger\_postcode, passenger\_country
7. Booking\_date, booking\_time

Entity (Black), Attributes(orange)

1. Word Cruises [ particular\_cabin, cruise\_name, cruise\_brief\_description, departure\_time, arrival\_time, cruises\_code, passenger\_id, ]
2. Ship [ship\_code, ship\_name, ship\_commissioned\_date, ship\_tonnage, max\_guest\_capacity, ship\_register\_country, ] (ok)
3. Passenger [ id, name, first\_name, last\_name, gender, birth\_date, is\_minor\_state, ] (ok)
4. Operator (particular company operates the ships) [ id, company\_name, CEO\_name, ship\_num, ] (ok)
5. Cabin [cabin\_number]
6. Cabin\_class [ quality\_experience, quality\_service, ]
7. Cruise [ particular\_ship, particular\_date, cruise\_id, particular\_port(ALSO AS:departure\_port), complete\_port, visit\_ports, overnight\_port, longer\_stay\_port, arrive\_depart\_1D\_port, ]

8. Port [port\_code, port\_name, port\_country, port\_population, port\_longitude, port\_latitude, ]
9. Passenger\_Address [ street (street and street number), town, postcode, country, ]
10. Manifest [cruise\_cabin\_allocated, ]

**Confirmed entity :**

Operator

Ship

Cabin

Cruise

Port

Booking

Passenger