## TASK 2 Ocean Odyssey Normalisation

Table 2:
UNF:
Cruise (CruiseID, CruiseName, CostPerPerson, (PortCode, PortName,
PortLatitude, PortLongitude, CountryCode, CountryName, DepartureArrival,
DateTime))
1NF:
CRUISE ( <u>CruiseID</u> , <u>DateTime</u> , <u>PortCode,</u> <u>DepartureArrival,</u> CruiseName,
CostPerPerson, PortName, PortLatitude, PortLongitude, CountryCode,
CountryName)
Candidate Keys: CruiseID, DateTime, PortCode, DepartureArrival
Primary Keys: <u>CruiseID</u> , <u>DateTime</u> , <u>PortCode</u> , <u>DepartureArrival</u>
Partial Dependencies:
CruiseID → CruiseName, CostPerPerson
PortCode → PortName, PortLatitude, PortLongitude, CountryCode
CountryCode → CountryName



VISIT (CruiseID, DateTime, PortCode, DepartureArrival)

PORT (<u>PortCode</u>, PortName, PortLatitude, PortLongitude, CountryCode)

COUNTRY (<u>CountryCode</u>, CountryName)

Full Dependencies:

CruiseID → CruiseName, CostPerPerson

CruiseID, DateTime, PortCode, DepartureArrival → No other attributes

PortCode → PortName, PortLatitude, PortLongitude, CountryCode

CountryCode → CountryName