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COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

CC105

INFORMATION

MANAGEMENT

SYSTEM

SUBMITTED BY:
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BS Information Technology 2C
Date: May 30, 2024

SUBMITTED TO:
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A. TRAVEL BOOKING SYSTEM (ENTITY RELATION)

B. Entities:

- Customer
- Booking
- Travel Package
- Flight
- Hotel
- Payment

C. Attributes:

Customer (CustomerID(PK), Name, Address, PhoneNumber, Email)

Booking(BookingID(PK), CustomerID(FK), PackageID(FK), Booking Date, Status)

Travel Package(PackageID(FK), Package Name, Discription, Price)

Flight(FlightID(PK), PackagreID(PK), Flight Number, Airline, Departure Time, Arrival Time)

Hotel(HotelID(PK), PackageID(FK), Hotel Name, CheckIn Date, CheckOut Date)

Payment(PaymentID(PK), BookingID(FK), Payment Date, Amount, Payment Method)



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D. Relationships

- One Customer can make many Bookings (1 to many)
- Many Bookings can include 1 TravelPackage (1 to many)
- One TravelPackage can include many Flights (1 to many)
- One TravelPackage can include many Hotels (1 to many)
- One Booking is paid by 1 Payment(1 to 1)

E. DIAGRAM

