CS 6314 – Assignment-3

Design the database schema for the Final project. Show document structure (list of attributes and their data types) for each MongoDB collection (properties, users, reservations etc.).

1. User: {

"userId": String,

"name": String,

"email": String,

"address": {

"street": String,

"apt": String,

"city": String,

"state": String,

"country": String,

"pincode": String

},

"phonenumber": String,

"sex": String,

"age": String,

"password": String,

"favorites": Array of Strings (propertyIds),

"ishost": String

}

2. Dependent: {

"name": String,

"email": String,

"age": String,

"sex": String,

"userId": String

}

3. Host: {

"hostId": String,

"rating": String,

"userId": String,

}

4. Property: {

"propertyId": String,

"hostId": String,

"categoryId": String,

"title":String,

"locationDetail":String,

"description":String,

"availability":String,

"fullDescription":String,

"nightlyfee":String,

"cleaningfee":String,

"servicefee":String,

"amenities": Array of Strings (amenities),

"bedrooms": String,

"bathrooms": String,

"guests": String,

"images": Array of Strings (imageNames),

"rating": String,

"checkIn": String,

"checkOut": String

}

5. Category: {

"categoryId": String,

"categoryTitle": String

}

6. Review: {

"reviewId": String,

"propertyId": String,

"images": Array of Strings (imageNames),

"title": String,

"description": String,

"userId": String

}

7. Reservation: {

"reservationId": String,

"propertyId": String,

"userId": String,

"checkIn": String,

"checkOut" : String,

"paymentId": String,

"upcoming": String

}

8. Payment: {

"paymentId": String,

"cardId": String,

"paymentStatus": String,

"paymentAmount": String

}

9. CardDetails: {

"cardId": String,

"cardNumber": String,

"userId": String,

"accountName": String,

"expiryDate": String,

"cvv": String

}