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": "",

"name": "",

"email": "",

"address": {

"street": "",

"apt": "",

"city": "",

"state": "",

"country": "",

"pincode": ""

},

"phonenumber": "",

"sex": "",

"age": "",

"password": "",

"favorites": ["propertyId"],

"ishost": "true"

}

2. Dependent: {

"name": "",

"email": "",

"age": "",

"sex": "",

"userId": ""

}

3. Host: {

"hostId": "",

"name": "",

"rating": "",

"userId": "",

}

4. Property: {

"propertyId": "",

"hostId": "",

"categoryId": "",

"title":"",

"locationDetail":"",

"description":"",

"availability":"",

"fullDescription":"",

"nightlyfee":"",

"cleaningfee":"",

"servicefee":"",

"amenities":["amenityName"],

"bedrooms": "",

"bathrooms": "",

"guests": "",

"images": ["imageName"],

"rating": "",

"checkIn": "",

"checkOut": ""

}

5. Category: {

"categoryId": "",

"categoryTitle": ""

}

6. Review: {

"reviewId": "",

"propertyId": "",

"images": ["imageName"],

"title": "",

"description": "",

"userId": ""

}

7. Reservation: {

"reservationId": "",

"propertyId": "",

"userId": "",

"checkIn": "",

"checkOut" : "",

"paymentId": "",

"upcoming": "true"

}

8. Payment: {

"paymentId": "",

"cardId": "",

"paymentStatus": "",

"paymentAmount": ""

}

9. CardDetails: {

"cardId": "",

"cardNumber": "",

"userId": "",

"accountName": "",

"expiryDate": "",

"cvv": "",

}