

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  
}
```