**DATING APP MANAGEMENT SYSTEM**

**Milestone: Implementation In NoSQL**

Group 20

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**Percentage of Effort Contributed by Bhavya Pandey: 50%**

**Percentage of Effort Contributed by Shaun Kirthan: 50%**

**Signature of Student 1:** Bhavya Pandey

**Signature of Student 2:** Shaun Kirthan

**Submission Date:** 03 December 2023

1. Retrieve User Information

db.User.findOne({ User\_id: 1 });

A computer screen with white text and numbers

Description automatically generated

1. Retrieve all events

db.Events.find()

A screenshot of a computer program

Description automatically generated

1. Calculate Average Rating for Events

db.Reviews.aggregate([

{

$group: {

\_id: "$Event\_id",

averageRating: { $avg: "$Rating" }

}

}

]);

A screen shot of a computer program

Description automatically generated

1. Find users who have liked others along with their like details

db.User.aggregate([

{

$lookup: {

from: "Likes",

localField: "User\_id",

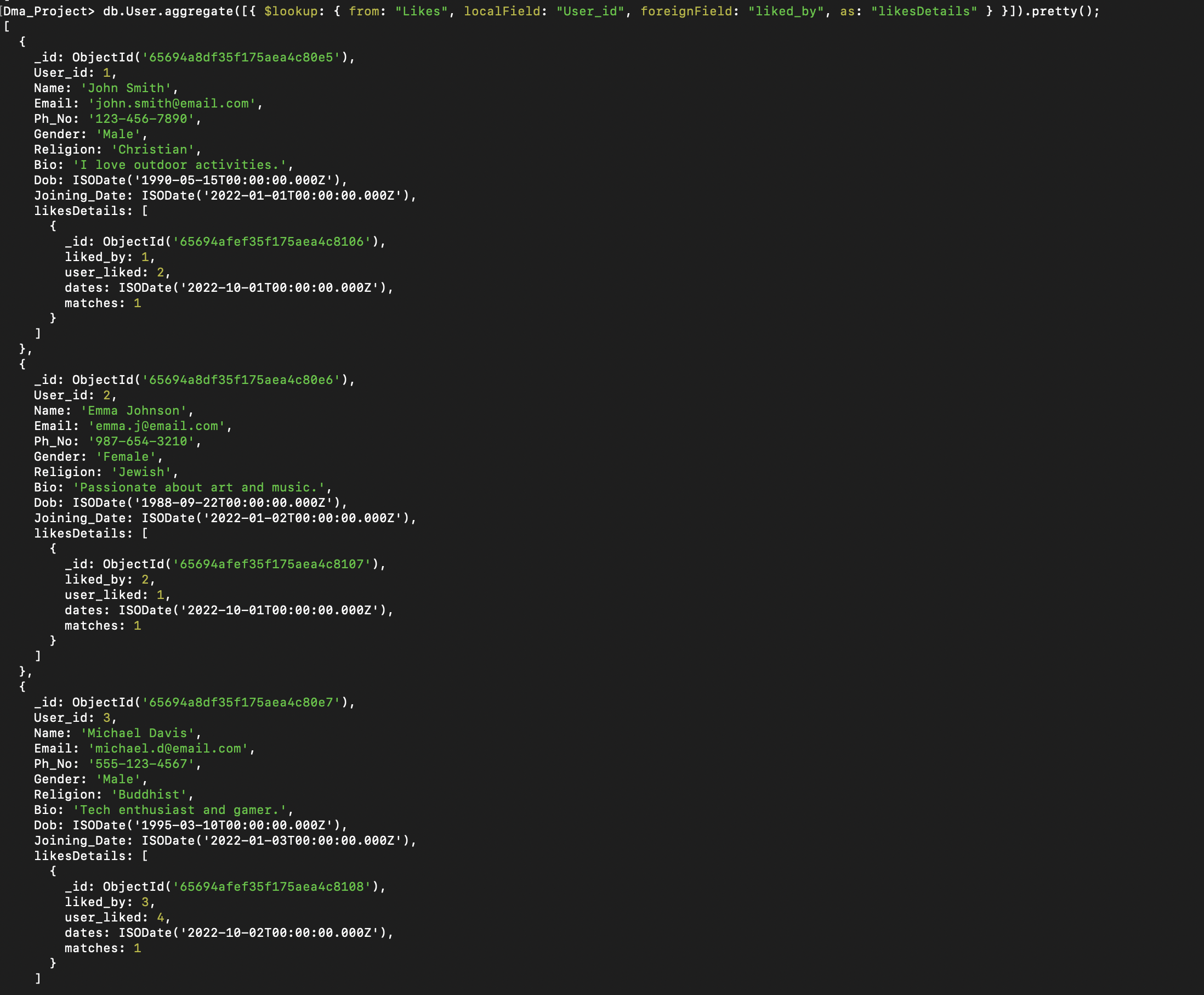
foreignField: "liked\_by",

as: "likesDetails"

}

}

]).pretty();



1. Map-Reduce query to find the total number of events organized by each user:

db.Events.mapReduce(

function () {

emit(this.Organizer\_id, 1);

},

function (key, values) {

return Array.sum(values);

},

{ out: "userEventCount" }

);

db.userEventCount.find();

A screen shot of a computer

Description automatically generated