Module 8 - Application Engineering and MongoDB Tools

Case Study - 2

edureka!

edureka!

Business Requirement

You are working on Contract for a company which has blog posts, where people can write their own posts, and share with other people. You have to design appropriate schemas [Embedded & Referenced] and mention their advantages and disadvantages.

Along with design, your task is to give appropriate permission on database to user so they can use that accordingly.

For example:

1. Application which is writing data should be given "readwrite"
2. Application which is reading should be given "read" only

You have to write authentication logic in previous case studies to make code more secure. You are given sample blogs and comments documents:

db.posts.insert({

    "heading": "Life of an awesome girl",

    "publish_date": "2016-11-27",

    "description": "An awesome girl...",

    "permalink": "http://awesomeblog.com/2016/12/life-of-an-awesome-girl",

    "categories": ["Make", "Travel", "Fiction", "girl"],

    "likes": 56

});

Blog Post's Comment Document Structure

db.comments.insert({

    "name": "Zee Man",

    "email": "abc@gmail.com",

    "phone": "123456789",

    "message": "awesome blog",

    "creationDate": "2016-11-27",

    "like_flag": true

});

Once modeling done you have to write below mentioned queries:

1. Find all comments for a given post id
2. Add comment Id in case of Referenced and comment in case of Embedded data modelling in posts.
3. Find all comments on a post by specific email.
4. Find all comments on a post which have "like_flag" = true
5. Add category on an existing post.

Data Volume
1 million products

Approach to Solve
1. Mongo Hadoop integration.