

```
import mongoose from 'mongoose';
const url = "mongodb://localhost:27017/instagramdb";

export const connection = async()=>{
    try{
        await mongoose.connect(url)
        console.log("Succesfully connected to the db");

    }
}

console.log(e, "ERRRRRR");
}
```

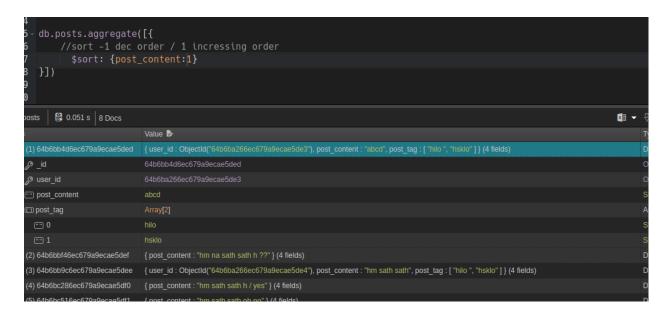
```
Database > models > TS user.ts > [2] default
      import mongoose, { Document, Schema } from 'mongoose';
      interface User extends Document {
       id: string;
        name: string;
        email: string;
        user id:string;
        password: string;
        phone no:string;
        created At:Date;
        updated At:Date;
      const userSchema: Schema<User> = new Schema<User>({
        id: { type: String, required: true },
        name: { type: String, required: true },
        email: { type: String, required: true },
        user id: { type: String, required: true },
        password: { type: String, required: true },
        phone_no: { type: String, required: true },
        created_At: { type: Date, default: Date.now },
        updated At: { type: Date, default: Date.now },
      });
      const UserModel = mongoose.model<User>('User', userSchema);
      export default UserModel;
 29
```

```
import mongoose, { Schema } from "mongoose";
     import User from "./user";
     interface Post {
      id: string;
       user_id: mongoose.Types.ObjectId;
       post content: string;
       post tag: object;
      created At: Date;
      updated At: Date;
     const PostSchema: Schema = new Schema({
       _id: {
        type: String,
         required: true
       user_id: {
         type:mongoose.Schema.Types.ObjectId,
         ref: User,
       required: true,
22
       post_content: { type: String, required: true },
       post_tag: { type: Object, required: true },
       created At: { type: Date, default: Date.now },
       updated_At: { type: Date, default: Date.now },
     const Post = mongoose.model("Post", PostSchema);
     export default Post;
```

```
import mongoose, { Document, Schema } from 'mongoose';
    import User from './posts'
2
    interface Session extends Document {
      _id: mongoose.Types.ObjectId;
     token:String;
     user_id:string;
      expire At:Date;
      created At:Date;
      updated At:Date;
    const SessionSchema: Schema<Session> = new Schema<Session>({
      id: {
        type:mongoose.Schema.Types.ObjectId,
        ref: User,
        required: true,
      token: { type: String, required: true },
      user_id: { type: String, required: true },
     expire_At: { type: Date, required: true },
      created At: { type: Date, default: Date.now },
      updated At: { type: Date, default: Date.now },
   });
    const SessionModel = mongoose.model<Session>('Session', SessionSchema);
   export default SessionModel;
```

```
import mongoose, { Document, Schema } from 'mongoose';
    import Post from './posts';
    interface Comment extends Document {
4
      _id:mongoose.Types.ObjectId;
      user_id:string;
      replie:object
      created At:Date;
      updated_At:Date;
    const Comment: Schema<Comment> = new Schema<Comment>({
      id: {
        type:mongoose.Schema.Types.ObjectId,
        ref: Post,
        required: true },
       user_id: { type: String, required: true },
      replie: { type: Object, required: true },
      created_At: { type: Date, default: Date.now },
      updated At: { type: Date, default: Date.now },
   const CommentModel = mongoose.model<Comment>('Comment', Comment);
   export default CommentModel;
```

```
import mongoose, { Document, Schema } from 'mongoose';
     import Post from './posts';
     interface Like extends Document {
       _id: mongoose.Types.ObjectId;
       user id:string;
      count:Number;
       created At:Date;
       updated At:Date;
     const Like: Schema<Like> = new Schema<Like>({
        id: {
         type:mongoose.Schema.Types.ObjectId,
16
         ref: Post,
        required: true
       user_id: { type: String, required: true },
       count: { type: Number, required: true },
       created_At: { type: Date, default: Date.now },
       updated At: { type: Date, default: Date.now },
     });
     const LikeModel = mongoose.model<Like>('Like', Like);
    export default LikeModel;
```



```
db.posts.aggregate([{
 egate x Aggregate (1) x Aggregate (2) x Error x Aggregate (3) x Aggregate (4) x
osts 🖁 0.053 s 8 Docs
                                                                                                                                                       X 🔻 🔻
                              Value 🗦
id_ و
₯ user_id
post_content
post_tag
(3) 64b6bcbd6ec679a9ecae5df4 { post_content : "hm sath sath oh no ??" } (4 fields)
 × Find × Aggregate × Aggregate (1) × Aggregate (2) × Result (1) ×
79 s
                 "stage" : "COLLSCAN",
"direction" : "forward"
             "rejectedPlans" : [ ]
     },
"command" : {
    "find" : "posts",
    "filter" : {
             "$readPreference" : {
                  "mode" : "primary"
      "version": "6.0.8",
"gitVersion": "3d84c0dd4e5d99be0d69003652313e7eaf4cdd74"
      "internalQueryMaxBlockingSortMemoryUsageBytes" : 104857600,
"internalQueryProhibitBlockingMergeOnMongoS" : 0,
"internalQueryMaxAddToSetBytes" : 104857600,
```

```
"serverInfo" : {
    "host" : "user-HP-EliteBook-840-G6",
    "port" : 27017,
    "version" : "6.0.8",
    "gitVersion" : "3d84c0dd4e5d99be0d69003652313e7eaf4cdd74"
},
"serverParameters" : {
    "internalQueryFacetBufferSizeBytes" : 104857600,
    "internalQueryFacetMaxOutputDocSizeBytes" : 104857600,
    "internalLookupStageIntermediateDocumentMaxSizeBytes" : 104857600,
    "internalDocumentSourceGroupMaxMemoryBytes" : 104857600,
    "internalQueryMaxBlockingSortMemoryUsageBytes" : 104857600,
    "internalQueryMaxAddToSetBytes" : 104857600,
    "internalQueryMaxAddToSetBytes" : 104857600,
    "internalQueryMaxAddToSetBytes" : 104857600,
    "internalQueryMaxAddToSetBytes" : 104857600,
    "internalDocumentSourceSetWindowFieldsMaxMemoryBytes" : 104857600
},
"ok" : 1
```

```
db.posts.aggregate({
            from: "users",
localField: "user_id",
  foreignField: "_id",
           as: "userdata"
 // db.posts.deleteMany({})
gate x Aggregate (1) x Result x Find x Result (1) x Find (1) x Aggregate (2) x
sts 0.128 s 2 Docs
/* 2 createdAt:18/07/2023, 17:04:42*/
     "_id" : ObjectId("64b678d26a4f1b2a92d4db76"),
     "user_id" : ObjectId("64b6746a6a4f1b2a92d4db6f"),
     "post_content" : "abcd",
"post_tag" : [ "hilo ", "hsklo" ],
"userdata" : [
              "_id" : ObjectId("64b6746a6a4f1b2a92d4db6f"),
              "email" : "asdf@gh",
              "user_id" : "mna@1223",
              "password" : "1234",
"phone_no" : "9876543210"
```