**MONGODB Assignment – 2 Solution**

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# E-Commerce Store

const user = { name: "string", email: { type: "string", unique: true,

},

password: { type:"string", minLength:8, maxLength:20

}

};

const product = {

title: "string", description: "string", price: { type: "number", min: 0,

},

category: "string", stock: { type: "number", min: 0,

},

};

const order = { userId: "ObjectId", products: [

{

productId: "ObjectId", quantity: { type: "number", min: 1,

},

},

],

totalAmount: { type: "number", min: 0,

},

orderDate: "Date",

};

const review = { userId: "ObjectId", productId: "ObjectId", rating: { type: "number", min: 1, max: 5,

},

comment: "string",

};

# Online Course Platform js

CopyEdit const courseUser = { name: "string", email: { type: "string", unique: true

}, role: { type: "string", enum: ["student", "instructor"],

},

};

const course = {

title: "string", instructorId: "ObjectId", category: "string", price: { type: "number", min: 0,

},

createdAt: "Date", lessons: [

{ title: "string", videoURL: "string", duration: { type: "number", min: 1,

},

},

],

};

const enrollment = { userId: "ObjectId", courseId: "ObjectId", enrollDate: "Date",

};

# Event Booking System

js

CopyEdit const eventUser = { name: "string", email: { type: "string", unique: true

}, role: { type: "string", enum: ["organizer", "attendee"],

},

};

const event = {

title: "string", organizerId: "ObjectId", location: "string", startTime: "Date", endTime: "Date", capacity: { type: "number", min: 1,

},

};

const booking = { eventId: "ObjectId", attendeeId: "ObjectId", bookingDate: "Date",

};

# Blogging Platform js

CopyEdit const author = { name: "string", email: { type: "string", unique: true

}, bio: "string",

};

const article = { title: "string", content: "string", authorId: "ObjectId", tags: ["string"], published: "boolean", createdAt: "Date",

};

const comment = {

articleId: "ObjectId", userName: "string", commentText: "string", postedAt: "Date",

};

# Subscription App

js

CopyEdit const subscriptionUser = { email: { type: "string", unique: true,

},

name: "string", signupDate: "Date",

};

const plan = { name: "string", price: { type: "number", min: 0,

},

features: ["string"], billingCycle: { type: "string", enum: ["monthly", "yearly"],

},

};

const subscription = { userId: "ObjectId", planId: "ObjectId", startDate: "Date", isActive: "boolean",

};