

MONGODB Assignment – 2

By : KHUSHI –(C)

1. 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",  
};
```

2. 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",
};
```

3. 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",
};
```

4. 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",
};
```

5. 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",  
};
```