Assignment 2 - Schema Creation Practice

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:-

```
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:-

```
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:-

```
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:-

```
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", };
```