

1. `const userSchema = { name: { type: String, required: true }, email: { type: String, required: true, unique: true, match: /.+@.+\./ }, password: { type: String, required: true } }; const productSchema = { title: { type: String, required: true }, description: { type: String, required: true }, price: { type: Number, required: true, min: 0 }, category: { type: String, required: true }, stock: { type: Number, required: true, min: 0 } }`
2. `const userSchema = { name: { type: String, required: true }, email: { type: String, required: true, unique: true, match: /.+@.+\./ }, role: { type: String, enum: ['student', 'instructor'], required: true } }; const courseSchema = { title: { type: String, required: true }, category: { type: String, required: true }, price: { type: Number, required: true, min: 0 }, createdAt: { type: Date, default: Date.now }, lessons: [{ title: { type: String, required: true }, videoURL: { type: String, required: true }, duration: { type: Number, required: true, min: 1 } } ] }`
3. `const userSchema = { name: { type: String, required: true }, email: { type: String, required: true, unique: true, match: /.+@.+\./ }, role: { type: String, enum: ['organizer', 'attendee'], required: true } }; const eventSchema = { title: { type: String, required: true }, location: { type: String, required: true }, startTime: { type: Date, required: true }, endTime: { type: Date, required: true }, capacity: { type: Number, required: true, min: 1 } }`
4. `const authorSchema = { name: { type: String, required: true }, email: { type: String, required: true, unique: true, match: /.+@.+\./ }, bio: { type: String } }; const articleSchema = { title: { type: String, required: true }, content: { type: String, required: true }, tags: [{ type: String } ], published: { type: Boolean, default: false }, createdAt: { type: Date, default: Date.now } }`
5. `const userSchema = { email: { type: String, required: true, unique: true, match: /.+@.+\./ }, name: { type: String, required: true }, signupDate: { type: Date, default: Date.now } }; const planSchema = { name: { type: String, required: true }, price: { type: Number, required: true, min: 0 }, features: [{ type: String } ], billingCycle: { type: String, enum: ['monthly', 'yearly'], required: true } }`