

```
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 }
};
```