

MongoDB Schema Design for RTI News App

Users

Stores all types of users: general users, RTI reporters, and activists.

```
{  
  
  _id: ObjectId,  
  
  role: "user" | "moderator" | "admin",  
  
  name: "John Doe",  
  
  email: "john@example.com",  
  
  phone: "+91xxxxxxxxxx",  
  
  passwordHash: "...",  
  
  location: "Patna",  
  
  language: "Hindi",  
  
  categories: ["Politics", "Crime"],  
  
  bio: "RTI Activist",  
  
  status: "active" | "blocked",  
  
  createdAt: ISODate,  
  
  updatedAt: ISODate  
}
```

NewsPosts

Holds all user-submitted news.

```
{  
  
  _id: ObjectId,  
  
  userId: ObjectId,  
  
  headline: "Bridge Collapse in Bihar",
```

MongoDB Schema Design for RTI News App

```
description: "Detailed news description...",
category: "Infrastructure",
location: "Patna",
media: ["url1", "url2"],
status: "pending" | "approved" | "rejected",
postedAt: ISODate
}
```

Applications

For RTI Activist or Reporter applications.

```
{
  _id: ObjectId,
  userId: ObjectId,
  type: "activist" | "reporter",
  status: "pending" | "approved" | "rejected",
  formDetails: {
    address: "...",
    idProof: "url_to_doc"
  },
  paymentStatus: "paid" | "unpaid",
  submittedAt: ISODate,
  approvedAt: ISODate
}
```

MongoDB Schema Design for RTI News App

ModerationLogs

Tracks actions taken by moderators.

```
{  
  
  _id: ObjectId,  
  
  moderatorId: ObjectId,  
  
  action: "approve" | "reject" | "flag",  
  
  newsPostId: ObjectId,  
  
  reason: "Contains false information",  
  
  timestamp: ISODate  
}
```

Categories / Locations / Languages

Dynamic data managed by admin.

```
{  
  
  _id: ObjectId,  
  
  name: "Politics"  
}
```

Notifications

System-generated or user-specific alerts.

```
{  
  
  _id: ObjectId,  
  
  userId: ObjectId,  
  
  message: "Your article has been approved",  
}
```

MongoDB Schema Design for RTI News App

```
read: false,  
  
createdAt: ISODate  
  
}
```

E-Papers

If you store links or metadata about e-papers.

```
{  
  
  _id: ObjectId,  
  
  title: "RTI Express July Edition",  
  
  url: "https://rti-paper.com/july.pdf",  
  
  category: "National",  
  
  date: ISODate  
  
}
```