

HRMS Sub-Schemas with Types - Bilal Raza

1. Document Schema (type of user documents)

type: String (e.g. 'CNIC', 'Resume', 'Contract')

url: String (Cloudinary URL)

uploadedAt: Date

2. Attendance Schema

date: Date

status: String ('present' | 'absent' | 'leave')

note: String

3. Leave Schema

from: Date

to: Date

reason: String

status: String ('pending' | 'approved' | 'rejected')

appliedAt: Date

4. Notification Schema

message: String

seen: Boolean (default false)

createdAt: Date

5. User Schema (embedded inside Company)

name: String

email: String

password: String (hashed)

role: String ('admin' | 'hr' | 'employee')

phone: String

gender: String

dob: Date

profilePic: String (Cloudinary URL)

salary: Number

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address: String

status: String ('active' | 'terminated')

joiningDate: Date

leavesTaken: Number

documents: [DocumentSchema]

attendance: [AttendanceSchema]

leaves: [LeaveSchema]

notifications: [NotificationSchema]

createdAt: Date

updatedAt: Date

6. Job Application Schema (public apply form se)

name: String

email: String

phone: String

position: String

resume: String (Cloudinary URL)

message: String

status: String ('pending' | 'accepted' | 'rejected')

appliedAt: Date

7. Company Main Schema

name: String

email: String

logoUrl: String

industry: String

website: String

phone: String

address: String

isApproved: Boolean

createdBy: ObjectId

users: [UserSchema]

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applications: [ApplicationSchema]

createdAt: Date

updatedAt: Date

8. Roman Urdu Notes

- Sab schemas separate file me banenge: documentSchema.js, userSchema.js etc.
- Inko companySchema.js me import kar ke embed karna hoga
- Ye sub embedded honge, collections separate nahi banani
- Company ke document me sara structure hoga, users aur applications array ke andar