**Real Estate - Database Schema**

1. **projects**

|  |  |  |
| --- | --- | --- |
| Field | **Type** | **Description** |
| id | INT, PK | Unique identifier |
| name | VARCHAR(255) | Project name |
| location | VARCHAR(255) | City or area |
| status | ENUM | completed, ongoing, upcoming |
| description | TEXT | Short description |
| created\_at | TIMESTAMP | Auto set on creation |
| updated\_at | TIMESTAMP | Auto set on update |

1. **properties**

|  |  |  |
| --- | --- | --- |
| Field | **Type** | **Description** |
| id | INT, PK | Unique identifier |
| title | VARCHAR(255) | Listing title |
| location | VARCHAR(255) | Full location (e.g., city, neighborhood) |
| price | DECIMAL(12,2) | Listing price |
| property\_type | ENUM | apartment, villa, plot, etc. |
| bedrooms | INT | Number of bedrooms (optional) |
| bathrooms | INT | Number of bathrooms (optional) |
| area\_sqft | INT | Built-up area |
| status | ENUM | active, sold, draft |
| featured | BOOLEAN | Highlight in featured section |
| description | TEXT | Full details |
| project\_id | INT, FK | Links to projects.id (optional) |
| created\_at | TIMESTAMP | Auto set on creation |
| updated\_at | TIMESTAMP | Auto set on update |

1. **inquiries**

|  |  |  |
| --- | --- | --- |
| Field | **Type** | **Description** |
| id | INT, PK | Unique identifier |
| name | VARCHAR(100) | Sender's name |
| email | VARCHAR(100) | Sender's email |
| phone | VARCHAR(20) | Phone number |
| subject | VARCHAR(255) | Message subject |
| message | TEXT | Message body |
| property\_id | INT, FK | If it's related to a property |
| created\_at | TIMESTAMP | Time of inquiry submission |

1. **admins**

|  |  |  |
| --- | --- | --- |
| Field | **Type** | **Description** |
| id | INT, PK | Unique ID |
| email | VARCHAR(100) | Admin email (login ID) |
| password\_hash | VARCHAR(255) | Encrypted password |
| created\_at | TIMESTAMP | Account creation time |

1. **media\_files**

|  |  |  |
| --- | --- | --- |
| Field | Type | Description |
| id | INT, PK | Unique ID |
| type | ENUM | project, property |
| property\_id | INT | ID of property it belongs to |
| url | TEXT | Image URL (e.g., Cloudinary or S3) |
| caption | VARCHAR(255) | Optional description |
| is\_cover | BOOLEAN | Indicates if this is a cover image |
| uploaded\_at | TIMESTAMP | Auto set on upload |