Hospital Management System

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| **Auth** | | | |
| **field** | **type** | **null** | **Comment** |
| id | Int |  | Auto\_increment primary key |
| name | Varchar(255) |  |  |
| Email | Varchar(255) |  |  |
| contact | Varchar(255 |  |  |
| photo | Varchar(255 |  |  |
| Username | Varchar(255) | Not null |  |
| Password | Varchar(255) | Not null |  |
| Status | Int(1) |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |

**Auth:** Create table auth( id int auto\_increment primary key, name varchar(255), email varchar(255), contact varchar(255), photo varchar(255), username varchar(255), password varchar(255), status int(1), created\_at datetime, created\_by int, updated\_at datetime, updated\_ by int, deleted\_at datetime);

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| **Patients** | | | |
| **field** | **type** | **null** | **Comment** |
| id | Int |  | Auto\_increment primary key |
| Patient\_id | Varchar(255) |  |  |
| name | Varchar(255) |  |  |
| Birth\_date | Varchar(255 |  |  |
| gender | Varchar(255) |  |  |
| address | Varchar(255) |  |  |
| contact | Varchar(255) |  |  |
| email | Varchar(255) | Not null |  |
| Insurance\_provider | Varchar(255) | Not null |  |
| Insurance\_policy\_number | Int |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |

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| **Doctors** | | | |
| **field** | **type** | **null** | **Comment** |
| id | Int |  | Auto\_increment primary key |
| doctor\_id | Varchar(255) |  |  |
| name | Varchar(255) |  |  |
| specialization | Varchar(255 |  |  |
| gender | Varchar(255) |  |  |
| contact | Varchar(255) |  |  |
| email | Varchar(255) | Not null |  |
| Room\_no | Varchar(255) | Not null |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |

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| **Nurses** | | | |
| **field** | **type** | **null** | **Comment** |
| id | Int |  | Auto\_increment primary key |
| nurse\_id | Varchar(255) |  |  |
| name | Varchar(255) |  |  |
| gender | Varchar(255) |  |  |
| contact | Varchar(255) |  |  |
| email | Varchar(255) | Not null |  |
| Assigned-department | Varchar(255) | Not null |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |

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| **Appoinments** | | | |
| **field** | **type** | **null** | **Comment** |
| id | Int |  | Auto\_increment primary key |
| patient\_id | Varchar(255) |  |  |
| Doctor\_id | Varchar(255) |  |  |
| Appointment\_date | Varchar(255) |  |  |
| Appointment\_time | Varchar(255) |  |  |
| Reason\_visit | Varchar(255) | Not null |  |
| status | Int(1) | Not null |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |

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| **Departments** | | | |
| **field** | **type** | **null** | **Comment** |
| id | Int |  | Auto\_increment primary key |
| Department\_name | Varchar(255) |  |  |
| Department\_head | Varchar(255) |  | Foreign key |
| location | Varchar(255) | Not null |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |

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| **Medical Records** | | | |
| **field** | **type** | **null** | **Comment** |
| id | Int |  | Auto\_increment primary key |
| Patient\_id | int |  |  |
| Doctor\_id | int |  |  |
| visiting\_date | Varchar(255 |  |  |
| diagnosis | Varchar(255) |  |  |
| treatment | Varchar(255) |  |  |
| prescriptions | Varchar(255) |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |

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| **Bill** | | | |
| **field** | **type** | **null** | **Comment** |
| id | Int |  | Auto\_increment primary key |
| Patient\_id | Varchar(255) |  | Foreign key |
| Appointment\_id | Varchar(255) |  | Foreign key |
| Total\_amount | int |  |  |
| Amount\_paid | Varchar(255) |  |  |
| Bill\_date | Varchar(255) |  |  |
| Payment\_method | Varchar(255) |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |

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| **Inventory** | | | |
| **field** | **type** | **null** | **Comment** |
| id | Int |  | Auto\_increment primary key |
| Item\_name | Varchar(255) |  |  |
| Category | int |  |  |
| Quantity | Varchar(255 |  |  |
| Price\_per\_unit | Varchar(255) |  |  |
| treatment | Varchar(255) |  |  |
| Supplier\_name | Varchar(255) |  |  |
| Reorder\_level | Varchar(255) |  |  |
| expiry\_date | Varchare(255) |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |

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| **Staff** | | | |
| **field** | **type** | **null** | **Comment** |
| id | Int |  | Auto\_increment primary key |
| name | Varchar(255) |  |  |
| designation | Varchar(255) |  |  |
| gender | Varchar(255) |  |  |
| contact | Varchar(255) |  |  |
| email | Varchar(255) |  |  |
| department\_id | Varchar(255) |  |  |
| Joining\_date | Varchar(255) |  |  |
| salary | Varchar(255) |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |