**Doctor Finder Application Document**

1. **Admin Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr No.** | **Field Name** | **Data Type** | **Constraints** | **Description** |
| 1 | Admin\_id | Int | Primary key | Id of Admin |
| 2 | f\_name | Varchar | Not null | First name of admin |
| 3 | l\_name | Varchar | Not null | Last name of admin |
| 4 | Email\_id | String | Not null | Email id of admin |
| 5 | password | Varchar | Not null | Password of Email id |

1. **Hospital Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr No.** | **Field Name** | **Data Type** | **Constraints** | **Description** |
| 1 | hospital\_id | Int | Primary key | Id of hospital |
| 2 | hospital\_name | Varchar | Not null | Name of the hospital |
| 3 | Profile\_img | Varbinary(max) | Not null | Hospital profile image |
| 4 | h\_address | String | Not null | Address of the hospital |
| 5 | state\_id | Int | Foreign key | State id |
| 6 | city\_id | Int | Foreign key | City id |
| 7 | h\_mail\_id | String | Not null | Email id of the hospital |
| 8 | h\_password | Varchar | Not null | Password of hospital mail id |
| 9 | h\_contact | Int | Not null | Contact number of the hospital |

1. **Doctor Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr No.** | **Field Name** | **Data Type** | **Constraints** | **Description** |
| 1 | doctor\_id | Int | Primary key | Doctor id |
| 2 | d\_first\_name | Varchar | Not null | First name of doctor |
| 3 | d\_last\_name | Varchar | Not null | Last name of doctor |
| 4 | d\_mail\_id | String | Not null | Email id of the hospital |
| 5 | d\_password | varchar | Not null | Password of doctor’s mail id |
| 5 | mobile\_no | Int | Not null | Contact number of doctor |
| 6 | d\_profile\_img | Varbinary(max) | Not null | Profile image of doctor |
| 7 | \_qualification | String | Not null | Qualification of doctor |
| 8 | \_speciality | String | Not null | Mastery in particular field |
| 9 | hospital\_id | Int | Foreign key | Id of hospital |

1. **Patient Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr No.** | **Field Name** | **Data Type** | **Constraints** | **Description** |
| 1 | patient\_id | Int | Primary key | Patient id |
| 2 | p\_first\_name | Varchar | Not null | First name of patient |
| 3 | p\_last\_name | Varchar | Not null | Last name of patient |
| 4 | p\_mail\_id | String | Not null | Email id of the patient |
| 5 | p\_password | Varchar | Not null | Password of patient’s mail id |
| 6 | p\_mobile\_no | Int | Not null | Contact number of patient |
| 7 | p\_profile\_img | Varbinary(max) | Not null | Profile image of patient |
| 8 | \_dob | Varchar | Not null | Patient’s Date of birth |
| 9 | p\_address | String | Not null | Address of patient resident |
| 10 | state\_id | Int | Foreign key | State id |
| 11 | city\_id | Int | Foreign key | City id |

1. **State Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr No.** | **Field Name** | **Data Type** | **Constraints** | **Description** |
| 1 | state\_id | int | Primary key | State id |
| 2 | state\_name | varchar | Not null | Name of the state |

1. **City Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr No.** | **Field Name** | **Data Type** | **Constraints** | **Description** |
| 1 | city\_id | int | Primary key | City id |
| 2 | city\_name | Varchar | Not null | Name of the city |
| 3 | state\_id | int | Foreign key | State id |