|  |  |  |
| --- | --- | --- |
|  | Building table |  |
| columns | datatype | constraints |
| id | int | primary key |
| name | varchar |  |
| address | varchar |  |
| Created at | time stamp |  |
| Updated at | time stamp |  |



|  |  |  |
| --- | --- | --- |
|  | Floors table |  |
| columns | data type | constraints |
| id | int | primary key |
| building\_id | int | foreign key |
| floor\_number | int |  |
| created\_at | time stamp |  |
| Updated\_at | time stamp |  |



|  |  |  |
| --- | --- | --- |
|  | Rooms table |  |
| columns | data type | constraints |
| id | int | primary key |
| floor\_id | int | foreign key |
| room\_number | varchar |  |
| room\_type | varchar |  |
| created\_at | time stamp |  |
| updated\_at | time stamp |  |



|  |  |  |
| --- | --- | --- |
|  | Residential table |  |
| columns | data type | constraints |
| id | int | primary key |
| room\_id | int | foreign key |
| name | varchar |  |
| email | varchar |  |
| mobile | varchar |  |
| moving\_date | date |  |
| created\_at | time stamp |  |
| updated\_at | time stamp |  |