login

CREATE TABLE login(

username VARCHAR(10) NOT NULL,

password VARCHAR(50) NOT NULL,

PRIMARY KEY(username)

);

buildings

CREATE TABLE buildings(

id INT(3) NOT NULL,

building\_name VARCHAR(100) NOT NULL,

building\_image VARCHAR(100) NOT NULL, ##Stores Relative path to the Image

PRIMARY KEY(id)

);

floors

CREATE TABLE floors(

id VARCHAR(6) NOT NULL,

building\_id INT(3) NOT NULL,

floor\_name VARCHAR(100) NOT NULL,

floor\_image VARCHAR(200) NOT NULL, ##Stores Relative path to the Image

PRIMARY KEY(id),

FOREIGN KEY(building\_id) REFERENCES buildings(id)

);

rooms

CREATE TABLE rooms(

id VARCHAR(9) NOT NULL,

floor\_id VARCHAR(6) NOT NULL,

room\_no SMALLINT NOT NULL,

room\_image VARCHAR(300) NOT NULL, ##Stores Relative path to the Image

PRIMARY KEY(id),

FOREIGN KEY(floor\_id) REFERENCES floors(id)

);

guests

CREATE TABLE guests(

id VARCHAR(21) NOT NULL,

room\_id VARCHAR(9) NOT NULL,

name VARCHAR(100) NOT NULL,

dob VARCHAR(10) NOT NULL,

mob\_no INT(10) NOT NULL,

mail\_id VARCHAR(100) NOT NULL,

aadhaar\_no INT(12) NOT NULL,

blood\_group VARCHAR(3) NOT NULL,

parent\_guardian\_name VARCHAR(100) NOT NULL,

emergency\_contactno INT(10) NOT NULL,

doj VARCHAR(10) NOT NULL,

p\_address VARCHAR(100) NOT NULL,

advance\_amount INT(10) NOT NULL,

amount\_per\_month INT(10) NOT NULL,

guest\_image VARCHAR(400) NOT NULL,

PRIMARY KEY(id),

FOREIGN KEY(room\_id) REFERENCES rooms(id)

);

fees

CREATE TABLE fees(

guest\_id VARCHAR(21) NOT NULL,

receipt\_no INT NOT NULL,

mode VARCHAR(50) NOT NULL,

amount INT NOT NULL,

PRIMARY KEY(receipt\_no),

FOREIGN KEY(guest\_id) REFERENCES guests(id)

);