Create database

CREATE SCHEMA `hotel\_db` ;

Create table hotel

CREATE TABLE `hotel\_db`.`hotel` (

`hotel\_id` INT NOT NULL,

`name` VARCHAR(45) NOT NULL,

`city` VARCHAR(45) NOT NULL,

PRIMARY KEY (`hotel\_id`));

Create table room

CREATE TABLE `hotel\_db`.`room` (

`room\_no` INT NOT NULL,

`hotel\_id` INT NOT NULL,

`type` VARCHAR(45) NOT NULL,

`price` DECIMAL(10,2) NOT NULL,

PRIMARY KEY (`room\_no`, `hotel\_id`));

Alter table room with foreign key hotel\_id

ALTER TABLE `hotel\_db`.`room`

ADD INDEX `hotel\_id\_idx` (`hotel\_id` ASC) VISIBLE;

;

ALTER TABLE `hotel\_db`.`room`

ADD CONSTRAINT `hotel\_id`

FOREIGN KEY (`hotel\_id`)

REFERENCES `hotel\_db`.`hotel` (`hotel\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION;

Create table guest

CREATE TABLE `hotel\_db`.`guest` (

`guest\_id` INT NOT NULL,

`name` VARCHAR(45) NOT NULL,

`address` VARCHAR(45) NOT NULL,

`type` VARCHAR(45) NOT NULL,

PRIMARY KEY (`guest\_id`));

Create table booking

CREATE TABLE `hotel\_db`.`booking` (

`hotel\_id` INT NOT NULL,

`guest\_id` INT NOT NULL,

`from\_date` DATE NOT NULL,

`to\_date` DATE NOT NULL,

`room\_no` INT NOT NULL,

`no\_of\_guest` INT NOT NULL,

`kids` ENUM('Y', 'N') NOT NULL,

PRIMARY KEY (`hotel\_id`, `room\_no`));

Alter table room with foreign key hotel\_id

ALTER TABLE `hotel\_db`.`booking`

ADD INDEX `room\_no\_idx` (`room\_no` ASC) VISIBLE;

;

ALTER TABLE `hotel\_db`.`booking`

ADD CONSTRAINT `hotel\_id`

FOREIGN KEY (`hotel\_id`)

REFERENCES `hotel\_db`.`hotel` (`hotel\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

ADD CONSTRAINT `room\_no`

FOREIGN KEY (`room\_no`)

REFERENCES `hotel\_db`.`room` (`room\_no`)

ON DELETE NO ACTION

ON UPDATE NO ACTION;