

# DataBase Scripts

-----  
DDL for table Employee  
-----

```
CREATE TABLE `employee` (  
  `employee_id` int NOT NULL,  
  `employee_designation` varchar(255) DEFAULT NULL,  
  `employee_email` varchar(255) DEFAULT NULL,  
  `employee_gender` varchar(255) DEFAULT NULL,  
  `employee_name` varchar(255) DEFAULT NULL,  
  `employee_personal_email` varchar(255) DEFAULT NULL,  
  `employee_phone_no` varchar(255) DEFAULT NULL,  
  PRIMARY KEY (`employee_id`)  
)
```

## Columns

- `employee_id`: An integer value that represents the unique identifier for an employee. This column is set as the primary key for the table.
- `employee_designation`: A varchar value that stores the designation of the employee.
- `employee_email`: A varchar value that stores the official email address of the employee.
- `employee_gender`: A varchar value that stores the gender of the employee.
- `employee_name`: A varchar value that stores the name of the employee.
- `employee_personal_email`: A varchar value that stores the personal email address of the employee.
- `employee_phone_no`: A varchar value that stores the phone number of the employee.

## Pre-Requisite for Employee Table

```
INSERT INTO ``
(`employee_id`,`employee_designation`,`employee_email`,`employee_gender`,`employee_name`,`e
mployee_personal_email`,`employee_phone_no`) VALUES
(2,'manager','varshithaj1112@gmail.com','female','Varshitha
J','varshithaj1112@gmail.com','8217782949');
INSERT INTO ``
(`employee_id`,`employee_designation`,`employee_email`,`employee_gender`,`employee_name`,`e
mployee_personal_email`,`employee_phone_no`) VALUES (3,'managing
director','shree123divya@gmail.com','female','Divya Shree M
D','shree123divya@gmail.com','9945822164');
INSERT INTO ``
(`employee_id`,`employee_designation`,`employee_email`,`employee_gender`,`employee_name`,`e
mployee_personal_email`,`employee_phone_no`) VALUES (4,'senior
manager','dheeraj.babu14@gmail.com','male','Dheeraj B N
','dheeraj.babu14@gmail.com','8884896999');
INSERT INTO ``
(`employee_id`,`employee_designation`,`employee_email`,`employee_gender`,`employee_name`,`e
mployee_personal_email`,`employee_phone_no`) VALUES (5,'program
manager','postbox0828@gmail.com','male','Akshay','postbox0828@gmail.com','9686083306');
INSERT INTO ``
(`employee_id`,`employee_designation`,`employee_email`,`employee_gender`,`employee_name`,`e
mployee_personal_email`,`employee_phone_no`) VALUES (6,'product
manager','sanjayguptha13065@gmail.com','male','sanjay
','sanjayguptha13065@gmail.com','6768942328');
INSERT INTO ``
(`employee_id`,`employee_designation`,`employee_email`,`employee_gender`,`employee_name`,`e
mployee_personal_email`,`employee_phone_no`) VALUES (7,'marketing
manager','76saikumar@gmail.com','male','Sai Kumar','76saikumar@gmail.com','7683991135');
INSERT INTO ``
(`employee_id`,`employee_designation`,`employee_email`,`employee_gender`,`employee_name`,`e
mployee_personal_email`,`employee_phone_no`) VALUES
(8,'admin','admin@gmail.com','male','admin','postbox0828@gmail.com','9686083306');
INSERT INTO ``
(`employee_id`,`employee_designation`,`employee_email`,`employee_gender`,`employee_name`,`e
mployee_personal_email`,`employee_phone_no`) VALUES
(9,'developer','developer@gmail.com','male','developer','developer@gmail.com','9876543214');
INSERT INTO ``
(`employee_id`,`employee_designation`,`employee_email`,`employee_gender`,`employee_name`,`e
mployee_personal_email`,`employee_phone_no`) VALUES
(10,'ui','ui@gmail.com','male','Archees','ui@gmail.com','9898098765');
INSERT INTO ``
(`employee_id`,`employee_designation`,`employee_email`,`employee_gender`,`employee_name`,`e
mployee_personal_email`,`employee_phone_no`) VALUES (11,'SAP
developer','varshithaj1112@gmail.com','female','Shruthi
D','varshithaj1112@gmail.com','8217782949');
INSERT INTO ``
```

```

(`employee_id`,`employee_designation`,`employee_email`,`employee_gender`,`employee_name`,`employee_personal_email`,`employee_phone_no`) VALUES (12,'software developer','shree123divya@gmail.com','female','Shreya','shree123divya@gmail.com','9945822164');
INSERT INTO ``
(`employee_id`,`employee_designation`,`employee_email`,`employee_gender`,`employee_name`,`employee_personal_email`,`employee_phone_no`) VALUES (13,'Software Engineer','dheeraj.babu14@gmail.com','male','Anuj','dheeraj.babu14@gmail.com','8884896999');
INSERT INTO ``
(`employee_id`,`employee_designation`,`employee_email`,`employee_gender`,`employee_name`,`employee_personal_email`,`employee_phone_no`) VALUES (14,'AME developer','dheeraj.babu14@gmail.com','male','Bharath','dheeraj.babu14@gmail.com','8884896999');
INSERT INTO ``
(`employee_id`,`employee_designation`,`employee_email`,`employee_gender`,`employee_name`,`employee_personal_email`,`employee_phone_no`) VALUES (15,'Cloud Architect','postbox0828@gmail.com','female','Shruti','postbox0828@gmail.com','9686083306');
INSERT INTO ``
(`employee_id`,`employee_designation`,`employee_email`,`employee_gender`,`employee_name`,`employee_personal_email`,`employee_phone_no`) VALUES (16,'Software Architect','sanjayguptha13065@gmail.com','female','Meghana','sanjayguptha13065@gmail.com','8217782949');
INSERT INTO ``
(`employee_id`,`employee_designation`,`employee_email`,`employee_gender`,`employee_name`,`employee_personal_email`,`employee_phone_no`) VALUES (17,'Program manager','76saikumar@gmail.com','male','Purushotham','76saikumar@gmail.com','7683991135');
INSERT INTO ``
(`employee_id`,`employee_designation`,`employee_email`,`employee_gender`,`employee_name`,`employee_personal_email`,`employee_phone_no`) VALUES (18,'Senior Tech Lead','dheeraj.babu14@gmail.com','male','Kalvir singh','dheeraj.babu14@gmail.com','8884896999');
INSERT INTO ``
(`employee_id`,`employee_designation`,`employee_email`,`employee_gender`,`employee_name`,`employee_personal_email`,`employee_phone_no`) VALUES (19,'Lead Developer','sanjayguptha13065@gmail.com','male','Sunil','sanjayguptha13065@gmail.com','8217782949');

```

---

## DDL for table Booking Details

---

```
CREATE TABLE `booking_details` (  
  `booking_id` int NOT NULL AUTO_INCREMENT,  
  `booked_date` date DEFAULT NULL,  
  `booked_timings` time DEFAULT NULL,  
  `booking_status` varchar(255) DEFAULT NULL,  
  `food_status` bit(1) NOT NULL,  
  `login_time` time DEFAULT NULL,  
  `seat_no` varchar(255) DEFAULT NULL,  
  `token` varchar(255) DEFAULT NULL,  
  `shift_id` int DEFAULT NULL,  
  `user_id` int DEFAULT NULL,  
  PRIMARY KEY (`booking_id`),  
  FOREIGN KEY (`shift_id`),  
  FOREIGN KEY (`user_id`),  
  CONSTRAINT FOREIGN KEY (`shift_id`) REFERENCES `shift_details` (`shift_id`),  
  CONSTRAINT FOREIGN KEY (`user_id`) REFERENCES `user_deatils` (`user_id`)  
)
```

### Columns

- `booking_id`: An integer value that is automatically generated for each new booking.
- `booked_date`: A date value that stores the date of the booking.
- `booked_timings`: A time value that stores the time of the booking.
- `booking_status`: A varchar value that stores the status of the booking.
- `food_status`: A bit value that stores whether the booking includes food or not.
- `login_time`: A time value that stores the time when the user logged In.
- `seat_no`: A varchar value that stores the seat number .
- `token`: A varchar value that stores the token associated with the booking.

- `shift_id`: An integer value that represents the shift ID of the booking, which is a foreign key referencing the `shift_details` table.
- `user_id`: An integer value that represents the user ID of the person who made the booking, which is a foreign key referencing the `user_deatils` table.

---

## DDL for table Floor Details

---

```
CREATE TABLE `floor_details` (  
  `floor_id` int NOT NULL AUTO_INCREMENT,  
  `floor_name` varchar(255) DEFAULT NULL,  
  `no_of_seats` int NOT NULL,  
  PRIMARY KEY (`floor_id`)  
)
```

### Columns

- `floor_id`: An integer value that represents the unique identifier for a floor. This column is set as the primary key for the table.
- `floor_name`: A varchar value that stores the name of the floor.
- `no_of_seats`: An integer value that stores the total number of seats available on the floor.

---

## DDL for table Holiday Details

---

```
CREATE TABLE `holiday_details` (  
  `holiday_id` int NOT NULL AUTO_INCREMENT,  
  `holiday_date` date DEFAULT NULL,  
  `holiday_description` varchar(255) DEFAULT NULL,  
  PRIMARY KEY (`holiday_id`)  
)
```

## Columns

- `holiday_id`: An integer value that represents the unique identifier for a holiday. This column is set as the primary key for the table.
- `holiday_date`: A date value that stores the date of the holiday.
- `holiday_description`: A varchar value that stores a description of the holiday.

---

## DDL for table Mail Details

---

```
CREATE TABLE `mail_details` (  
  `mail_id` int NOT NULL AUTO_INCREMENT,  
  `body` varchar(15000) DEFAULT NULL,  
  `subject` varchar(255) DEFAULT NULL,  
  `user_id` int DEFAULT NULL,  
  `status` bit(1) NOT NULL,  
  `to_mail` varchar(255) DEFAULT NULL,  
  PRIMARY KEY (`mail_id`),  
  FOREIGN KEY (`user_id`),  
  CONSTRAINT FOREIGN KEY (`user_id`) REFERENCES `user_deatils` (`user_id`)  
)
```

## Columns

- `mail_id`: An integer value that represents the unique identifier for an email. This column is set as the primary key for the table.
- `body`: A varchar value that stores the body of the email.
- `subject`: A varchar value that stores the subject of the email.
- `user_id`: An integer value that represents the unique identifier of the user who sent the email. This column is a foreign key that references the `user_details` table.
- `status`: A bit value that indicates the status of the email.
- `to_mail`: A varchar value that stores the email address of the recipient.

---

## DDL for table Role Details

---

```
CREATE TABLE `role` (  
  `role_id` int NOT NULL AUTO_INCREMENT,  
  `role_name` varchar(255) DEFAULT NULL,  
  PRIMARY KEY (`role_id`),  
  UNIQUE KEY (`role_name`)  
)
```

### Columns

- `role_id`: An integer value that represents the unique identifier for a role. This column is set as the primary key for the table.
- `role_name`: A varchar value that stores the name of the role. This column is marked as unique to ensure that no two roles have the same name.

### Pre-Requisite for Role

```
INSERT INTO `` (`role_id`,`role_name`) VALUES (1,'ADMIN');  
INSERT INTO `` (`role_id`,`role_name`) VALUES (3,'DEVELOPER');  
INSERT INTO `` (`role_id`,`role_name`) VALUES (2,'EMPLOYEE');
```

---

## DDL for table Shift Details

---

```
CREATE TABLE `shift_details` (  
  `shift_id` int NOT NULL AUTO_INCREMENT,  
  `shift_timings` varchar(255) DEFAULT NULL,  
  PRIMARY KEY (`shift_id`)  
)
```

### Columns

- `shift_id`: An integer value that represents the unique identifier for a shift. This column is set as the primary key for the table.
- `shift_timings`: A varchar value that stores the timings of the shift.

## DDL for table Configuration

```
CREATE TABLE `configuration` (  
  `id` int NOT NULL AUTO_INCREMENT,  
  `account_sid` varchar(255) DEFAULT NULL,  
  `auth_token` varchar(255) DEFAULT NULL,  
  `eamil_password` varchar(255) DEFAULT NULL,  
  `email_id` varchar(255) DEFAULT NULL,  
  `sms_number` varchar(255) DEFAULT NULL,  
  `seat_cancelation_time` int NOT NULL,  
  PRIMARY KEY (`id`)  
)
```

### Columns

- `id`: an auto-incrementing integer that serves as the primary key.
- `account_sid`: a string representing the account SID for Twilio API authentication.
- `auth_token`: a string representing the auth token for Twilio API authentication.
- `eamil_password`: a string representing the password for sending emails.
- `email_id`: a string representing the email address to use for sending emails.
- `sms_number`: a string representing the phone number to use for sending SMS messages.
- `seat_cancelation_time`: an integer representing the amount of time (in minutes) for booked seat automatically cancel.

### Pre-Requisite for Configuration Table

```
INSERT INTO ``  
(`id`,`account_sid`,`auth_token`,`eamil_password`,`email_id`,`sms_number`,`seat_cancelation_time`  
) VALUES  
(1,'ACe165455b3f498dd288a7ffa8aa7a3d5c','f4530addfc42f2c1a469785e85a7d6c7','Qwerty12#.,','s  
ecureseatbooking@outlook.com','+15855752981',4);
```



---

## DDL for table User Details

---

```
CREATE TABLE `user_deatils` (  
  `user_id` int NOT NULL AUTO_INCREMENT,  
  `password` varchar(255) DEFAULT NULL,  
  `employee_id` int DEFAULT NULL,  
  `status` bit(1) NOT NULL,  
  PRIMARY KEY (`user_id`),  
  FOREIGN KEY (`employee_id`),  
  CONSTRAINT FOREIGN KEY (`employee_id`) REFERENCES `employee` (`employee_id`)  
)
```

### Columns

- user\_id: an auto-incremented integer column used as a primary key for the table.
- password: a varchar(255) column used to store the user's password.
- employee\_id: an integer column used as a foreign key to reference the employee table's employee\_id column.
- status: a bit(1) column used to store the user's status.

---

## DDL for table Users Roles

---

```
CREATE TABLE `users_roles` (  
  `user_id` int NOT NULL,  
  `role_id` int NOT NULL,  
  PRIMARY KEY (`user_id`, `role_id`),  
  FOREIGN KEY (`role_id`),  
  CONSTRAINT FOREIGN KEY (`user_id`) REFERENCES `user_deatils` (`user_id`),  
  CONSTRAINT FOREIGN KEY (`role_id`) REFERENCES `role` (`role_id`)  
)
```

## Columns

- Users\_roles with columns user\_id and role\_id. The combination of these two columns forms the primary key for the table.
- There are also foreign keys defined for role\_id and user\_id columns, which reference the role and user\_deatils tables, respectively.