

CHAPTER 3

SYSTEM DESIGN

This system is designed using the following database tables. The description of the tables are given below.

3.1 Tables Description

3.1.1 Agent table creation.

```
Create table agents (  
  a_id number (11),  
  name varchar 5),  
  age varchar (50),  
  sex varchar (50),  
  email varchar (50),  
  ph_no varchar (50),  
  login_id varchar 50),  
  address varchar (50),  
  place_name varchar (50)  
  primary key (a_id));
```

The above table is used to store the agent details like name, address, email-id, phone number, etc.

3.1.2 Packages table creation.

```
Create table packages (  
  pid number (11),  
  a_id number (11),  
  place_name varchar (50),  
  num_of_days varchar (50),  
  total_cost varchar (50),  
  validity varchar (50),  
  trans_type varchar (50),  
  start_from varchar (50),  
  image varcahr (200),  
  primary key (pid,a_id,place_name),
```

foreign key (a_id) references agent(a_id));

The above table is used to store the packages information like place name, address, image, transport type, agent_id, total cost, validity, departure place, etc.

3.1.3. Place_info table creation.

Create table place_info (
image varchar (200),
pid varchar (11),
place_name varchar (50),
parks varchar (50),
malls varchar (50),
whether varchar (50),
museums varchar(50),
special varchar (50),
restaurants varchar (50),
details varchar (50),
primary key (pid),
foreign key (pid) references packages (pid));

This table is used to store the complete tour information like place name, parks to be visited, whether report of the tour place, museums to be visited, etc.

3.1.4. Tourist table creation.

Create table tourist (
u_id varchar (10),
uname varchar (50),
age varchar (50),
ph_no varchar (50),
email varchar (50),
address varchar (50),
sex varchar (50),

3.1.5. Booking table creation.

```
Create table booking (  
    u_id varchar (10),  
    pid number (11),  
    uname varchar (50),  
    payment_type varchar (50),  
    bank varchar(50),  
    from_date date,  
    primary key (u_id,pid),  
    foreign key (u_id) references tourist (u_id),  
    foreign key (pid) references packages (pid));
```

The above table is used to store the bookings. It will store the information like password of the user, username, etc.

3.1.6 Rating table creation

```
Create table rating (  
    place_name varchar (50),  
    email varchar (50),  
    num_of_stars varchar (50),  
    comments varchar(50),  
    primary key (place_name));
```

The above table store all the comments given by the customers along with user password, email-id, etc.