

## Accessing the Application:

You can access the application using the following URL:

<http://vlamp.cs.uleth.ca/~sevg3660/login.php>

(Use Mozilla Firefox if it doesn't work on Chrome.)

## Login Credentials: (Sent Via Email)

- MySQL Username: \*\*\*\*\*
- MySQL Password: \*\*\*\*\*

## Database Schema:

Below are the SQL create table statements for all relations:

### GUEST Table:

```
CREATE TABLE GUEST (  
    guest_ID    INT AUTO_INCREMENT,  
    name        VARCHAR(100) NOT NULL,  
    phone        VARCHAR(20),  
    email        VARCHAR(100),  
    PRIMARY KEY (guest_ID)  
);
```

### ROOM Table:

```
CREATE TABLE ROOM (  
    room_ID      INT AUTO_INCREMENT,  
    room_number   VARCHAR(10) NOT NULL,  
    room_type     VARCHAR(50) NOT NULL,  
    capacity      INT NOT NULL,  
    price_per_night DECIMAL(10,2) NOT NULL,  
    status        VARCHAR(50) NOT NULL,
```

```
PRIMARY KEY (room_ID)
);
```

**RESERVATION Table:**

```
CREATE TABLE RESERVATION (
    reservation_ID INT AUTO_INCREMENT,
    check_in_date DATE NOT NULL,
    check_out_date DATE NOT NULL,
    number_of_guest INT NOT NULL,
    total_cost DECIMAL(10,2),
    guest_ID INT NOT NULL,
    room_ID INT NOT NULL,
    PRIMARY KEY (reservation_ID),
    CONSTRAINT fk_guest
        FOREIGN KEY (guest_ID) REFERENCES GUEST(guest_ID)
        ON DELETE CASCADE ON UPDATE CASCADE,
    CONSTRAINT fk_room
        FOREIGN KEY (room_ID) REFERENCES ROOM(room_ID)
        ON DELETE CASCADE ON UPDATE CASCADE
);
```