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:

- MySQL Username: sevg3660
- MySQL Password: haeNiu4iVo

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
);
```