BowlingSYS

Name: Pawel Kaminski

T-Number: T00225804

Course: Software Development Lvl 8

The Name of my database: BowlingSYS

The Name of my .sql file: BowlingSYS.sql

A Quick Explanation: My system will provide functionality towards both the customer and the administrator. It will have an account system where it will assign a session id to the user. The user can then update, delete and insert booking as well as their account. As for admin it will provide means of getting the whole system set up with lane, customer and booking select update delete and insert functions.

* Insert can be found in multiple places across my system: Login/addbooking.php, Login/addcustomer.php, Admin/Booking/add.php, Admin/Customer/add.php, Admin/Lane/add.php.
* Delete can found in: Admin/Booking/deletebooking.php, Admin/Customer/deletecustomer.php, Admin/Lane/deletelane.php, Login/deleteaccount.php and Login/deletebooking.php.
* Select can be found in: Login/ValidateCustomer.php, Login/account.php and Login/CurrentSession.php.
* Update can be found in: Login/updatedaccount.php, Login/updatedbooking.php and Admin/Booking/updated.php.

The image used in mainpage.html was taken from: <https://www.clipartmax.com/download/m2i8K9d3Z5i8i8H7_bowling-png-transparent-images-collection-bowling-vector-free/>

**Schema:** BowlingSYS

**Relation Customer**

custid: int(11) NOT NULL AUTO\_INCREMENT

forename: char(15) NOT NULL  
surname: char(15) NOT NULL

telephone: char(10) NOT NULL

email: char(30) NOT NULL

password: char(30) NOT NULL

**Primary Key:** custid  
   
**Relation Booking**

bookingid: int(11) NOT NULL AUTO\_INCREMENT  
laneid: int(11) NOT NULL

custid: int(11) NOT NULL  
bookingdate: Date NOT NULL  
time: char(2) NOT NULL

NumOfPeople int(11) NOT NULL  
Status: enum(‘B’,’F’) DEFAULT ‘B’

Price: decimal(5,2) DEFAULT NULL

timeout: datetime DEFAULT NULL  
**Primary Key:** bookingid  
**Foreign Key:** laneid, custid

**Relation Lane**laneid: int(11) NOT NULL AUTO\_INCREMENT

Status: enum(‘A’,’U’,’M’) NOT NULL

**Primary Key:** laneid