MedBook Data Dictionary

The *MedBook* database consists of 4 tables. Each table is described below. A description of how to connect to the database is given at the end of this document.
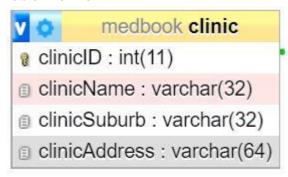
Table 1: membership

medbook **membership**
memberID : int(11)
username : varchar(16)
password : varchar(16)

Table 2: clinic

medbook **clinic**
clinicID : int(11)
clinicName : varchar(32)
clinicSuburb : varchar(32)
clinicAddress : varchar(64)

Table 3: bookingList (for members' bookings)

medbook **bookinglist**
bookingID : int(11)
clinicID : int(11)
memberID : int(11)
listDate : date
listTime : time
serviceType : varchar(64)

Table 4: booking (for non-member users' bookings)

medbook **booking**
⑧ bookNum : int(11)
▤ patientName : varchar(16)
contactNumber : int(12)
clinicID : int(11)
▣ bookDate : date
▣ bookTime : time
▤ bookService : varchar(64)

Relationship for the *MedBook* database

medbook **bookinglist**
⑧ bookingID : int(11)
clinicID : int(11)
memberID : int(11)
▣ listDate : date
▣ listTime : time
▤ serviceType : varchar(64)

medbook **membership**
⑧ memberID : int(11)
▤ username : varchar(16)
▤ password : varchar(16)

medbook **clinic**
⑧ clinicID : int(11)
▤ clinicName : varchar(32)
▤ clinicSuburb : varchar(32)
▤ clinicAddress : varchar(64)

medbook **booking**
⑧ bookNum : int(11)
▤ patientName : varchar(16)
contactNumber : int(12)
clinicID : int(11)
▣ bookDate : date
▣ bookTime : time
▤ bookService : varchar(64)

Connecting to the MedBook Database

To connect to the **MedBook** database use the following in your php script

```
$dbConn = new mysqli("localhost", "root", "", "medbook");
if($dbConn->connect_error) {
  die("Failed to connect to database " . $dbConn->connect_error);
}
```

Note

Use the supplied **medbook.sql** to create and populate the tables in the MySQL on the XAMPP. The booking and bookinglist are initially empty because we have not recorded any bookings from users. Use the supplied allTables.php script to view the data (make sure you use the connection information as indicated above).

```
$dbConn = new mysqli("localhost", "root", "", "medbook");
if($dbConn->connect_error) {
  die("Failed to connect to database " . $dbConn->connect_error);
}
```