

For our database management software, we are using MySQL.

Creation Scripts:

```
create database if not exists BytesOfRoundTable;
use BytesOfRoundTable;
```

```
drop table if exists ScoreBoard;
create table ScoreBoard (
    Id int primary key auto_increment,
    Score int not null,
    Username varchar(45)
);
```

```
drop table if exists UserInfo;
create table UserInfo (
    Username varchar(45) primary key,
    Password varchar(45) not null,
    Email varchar(60) not null,
    PhoneNumber varchar(60),
    Gender enum('male', 'female')
);
```

```
alter table ScoreBoard add constraint unforeign_key foreign
key(Username) references UserInfo(Username) on delete set null;
```

```
insert into UserInfo values('aaa', '111', 'abcd@gmail.com',
'123-456-7890', 'female');
insert into UserInfo values('bbb', '111', 'abcd1@gmail.com',
'123-456-7890', 'male');
insert into UserInfo values('ccc', '111', 'abcd2@gmail.com',
'123-456-7890', 'female');
insert into UserInfo values('ddd', '111', 'abcd3@gmail.com',
'123-456-7890', 'male');
insert into UserInfo values('eee', '111', 'abcd4@gmail.com',
'123-456-7890', 'female');
insert into UserInfo values('fff', '111', 'abcd5@gmail.com',
'123-456-7890', 'male');
insert into UserInfo values('ggg', '111', 'abcd6@gmail.com',
'123-456-7890', 'female');
insert into UserInfo values('hhh', '111', 'abcd7@gmail.com',
'123-456-7890', 'male');
```

```
insert into UserInfo values('iii', '111', 'abcd8@gmail.com',  
'123-456-7890', 'female');
```

```
insert into ScoreBoard values(NULL, '90', 'aaa');  
insert into ScoreBoard values(NULL, '190', 'ccc');  
insert into ScoreBoard values(NULL, '23', 'ddd');  
insert into ScoreBoard values(NULL, '123', 'aaa');
```

Data Model:

