

```
1 141.87.28.11
2 Login into putty: rembold
3
4 # go into sql shell
5 sudo mysql -u root -p
6
7 # database aufmachen
8 create database ticketdb;
9
10 # show database;
11 show databases;
12
13 # verwende database
14 use ticketdb;
15
16 # create table mit namen marketitems
17 create table ticketitems (id INT NOT NULL
```

```
17 auto_increment, primary key (id));
18 alter table ticketitems add column priority INT not
   null;
19 alter table ticketitems add column username VARCHAR(
   30) not null;
20 alter table ticketitems add column title VARCHAR(64)
   not null;
21 alter table ticketitems add column description
   VARCHAR(128) not null;
22
23 # create table mit namen marketusers
24 create table ticketusers(id int not null
   auto_increment, primary key(id));
25 alter table ticketusers add column username varchar(
   30) not null;
26 alter table ticketusers add column email_address
   varchar(50) not null;
```

```
27 alter table ticketusers add column password varchar(
    60) not null;
28
29
30 # make entries unique, see ticketusers above
31 ALTER TABLE ticketusers ADD UNIQUE (username);
32 ALTER TABLE ticketusers ADD UNIQUE (email_address);
33
34
35
36
37 # show tables of current database
38 show tables;
39
40 # drop tables marketusers
41 drop tables ticketusers;
42
```

```
43 # get details of table
44 describe ticketitems;
45
46 #insert into ticketitems table
47 INSERT INTO ticketitems (id, priority, username,
    title, description) VALUES (1, 2, 'Luke', 'GUI
    Problem', 'GUI really not working');
48 INSERT INTO ticketitems (id, priority, username,
    title, description) VALUES (2, 2, 'Nat', 'Backend
    Problem', 'Backend not starting');
49 INSERT INTO ticketitems (id, priority, username,
    title, description) VALUES (3, 3, 'Anakin', 'Totally
    Broke', 'Nothing works out');
50
51 #insert into ticketusers table
52 INSERT INTO ticketusers (id, username, email_address
    , password) VALUES (1, 'Derk', 'de@alb.de', 'pass');
```

```
53 INSERT INTO ticketusers (id, username, email_address
    , password) VALUES (2, 'Natalie', 'na@alb.de', 'pass
    ');
54 INSERT INTO ticketusers (id, username, email_address
    , password) VALUES (3, 'Anaking', 'an@alb.de', 'pass
    ');
55
56 #check content of table
57 select * from ticketitems;
58 select * from ticketusers;
59
60 # set password policy
61 SET GLOBAL validate_password_policy=LOW;
62 # create users
63 CREATE USER 'ticketuser'@'%' IDENTIFIED WITH
    mysql_native_password BY 'Heute0000';
64 # grant full privileges
```

```
65 GRANT CREATE, ALTER, DROP, INSERT, UPDATE, DELETE,  
   SELECT, REFERENCES, RELOAD on *.* TO 'marketuser'  
   '@%' WITH GRANT OPTION;  
66 # grant partial privileges  
67 GRANT INSERT, SELECT, DELETE, DROP, UPDATE on  
   ticketdb.* TO 'ticketuser' '@%';  
68  
69 #filter item from table content  
70 select * from ticketitems where username='Luke';  
71  
72 #show grants  
73 show grants for 'ticketuser' '@%';  
74  
75 #remove grants  
76 revoke all on *.* from 'ticketuser' '@%';  
77  
78
```